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U S Department of Agriculture

**1856.**

THORBURN'S  
Annual Descriptive Catalogue  
OF  
**FLOWER SEEDS,**  
WITH PRACTICAL DIRECTIONS FOR THEIR  
CULTURE AND TREATMENT.

**FLOWER SEEDS**, from their compactness and light weight, can be safely transported by mail to any part of the United States, with punctuality and expedition.

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**JAMES M. THORBURN & CO.,**  
**15 JOHN STREET,**  
**NEW-YORK.**

NEW-YORK :

WILLIAM S. DORR, PRINTER, 101 NASSAU STREET.

# GARDEN, FLOWER, FIELD, FRUIT AND TREE SEEDS.

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THE LARGEST COLLECTION TO BE FOUND  
IN THE UNITED STATES.

EMBRACING


**EVERY STANDARD AND IMPROVED VARIETY**

To which additions are continually being made of

**TESTED NOVELTIES,**

**BOTH OF DOMESTIC AND EUROPEAN ORIGIN.**

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 *Separate Catalogues published at intervals and furnished  
gratuitously to applicants.*

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## **BULBOUS FLOWERING ROOTS,**

Imported direct from the first Flower Nurseries of Europe.

EVERY DESIRABLE VARIETY

OF

Single and Double Hyacinths, Single and Double Tulips,

Japan Lilies, Polyanthus Narcissus, Jonquilles, Crocus,

Crown Imperials, Gladiolus, Iris, Ixias, Lilies,

Double Narcissus, Arums, Anemones,

Ranunculus, &c.

Particular care being taken in the selection of the best sorts for

**PARLOR WINTER FLOWERING,**

For the Conservatory, or for out-door planting.

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A descriptive Catalogue, with full directions for the culture and treatment of the different bulbs, is published annually on the 1st September.

## EXPLANATIONS OF THE CATALOGUE.

The *first column* gives the *Botanical* or *Scientific* name in Roman characters, the *second* the *common* name in *Italics*; but for more ready reference it is deemed expedient (though involving repetition) occasionally, to transpose the names, always, however, preserving the distinction by the type.

*New varieties* are printed in CAPITALS.

\* designates *Climbing plants*.

.. .. in all cases *repetition*.

*in vars.* .. *in varieties* or colors mixed.

*fl. pl.* .. *flore pleno*, or Double flowering.

The *third column* gives the *Duration* and *Hardiness*.

A representing *Annual*, lasting but one year.

B .. *Biennial*, .. two years.

P .. *Perennial*, .. three or more years.

But as a large number of the Biennials and Perennials, if sown early, flower the first season, this distinguishing mark † is affixed to such.

h represents *hardy*—plants for open borders.

hh .. half-hardy plants that require to be forwarded in pots or frames.

t .. tender—requiring protection.

g .. green-house plants.

The *fourth column* gives the colour abbreviated thus :

|               |              |              |                |
|---------------|--------------|--------------|----------------|
| ap.—apetalous | cr.—crimson  | li.—lilac    | spot.—spotted  |
| az.—azure     | d.—dark      | o.—orange    | stra.—straw    |
| b.—blue       | div.—diverse | ptd.—painted | stri.—striped  |
| blk.—black    | flesh.—flesh | p.—purple    | sul.—sulphur   |
| blh.—blush    | gn.—green    | pk.—pink     | v.—violet      |
| br.—brown     | gy.—grey     | r.—red       | va.—variegated |
| bff.—buff     | l.—light     | ro.—rose     | w.—white       |
| car.—carmine  | lem.—lemon   | s.—scarlet   | y.—yellow      |

The *fifth column* gives the *comparative* height of the plants in feet—*trai.* signifies *trailing*.

The *sixth column*, price per packet.

# THORBURN'S

## CATALOGUE OF FLOWER SEEDS.

| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in CAPITALS. |                                  | Hardness<br>and<br>Duration | Color of the<br>Flower. | Comparative Height<br>in Feet. | Price, per Packet. |
|--|----------------------------------|-----------------------------|-------------------------|--------------------------------|--------------------|
| Abronia umbellata*   | <i>Umbellated Abronia</i>        | hA                          | ro.                     | tra.                           | 12½                |
| Acacia Lophanta  | <i>Crest-flowered Acacia</i>     | g.S                         | y.                      | 6                              | 25                 |
| speciosa   | <i>Showy do</i>                  | ..                          | p.                      | 10                             | ..                 |
| in vars  | <i>Fine mixed do</i>             | ..                          | div.                    | div.                           | ..                 |
| Aconitum napellus  | <i>Monkshood</i>                 | hP                          | b.                      | 3                              | 6¼                 |
| sinense  | <i>Chinese monkshood</i>         | ..                          | ..                      | ..                             | ..                 |
| in vars  | <i>Mixed do</i>                  | hP                          | b&w.                    | ..                             | ..                 |
| Adenophora suaveolens  | <i>Sweet-scented Adenophora</i>  | hP                          | l. b.                   | 2                              | ..                 |
| Adonis æstivalis   | <i>Adonis Flower</i>             | hA                          | s.                      | 1                              | ..                 |
| Æthionema persica  | <i>Persian Æthionema</i>         | ..                          | p.&r                    | ..                             | 12½                |
| African Hibiscus   | <i>Hibiscus Africanus</i>        | ..                          | y.&b.                   | 1½                             | 6¼                 |
| African Marigold   | <i>Tagetes erecta</i>            | ..                          | lem.                    | 2                              | ..                 |
| Agapanthus umbellatus  | <i>Umbel-flowered agapanthus</i> | ..                          | ..                      | ..                             | ..                 |
| in vars  | <i>(fine mixed)</i>              | g.P                         | div.                    | 2½                             | 25                 |
| Ageratum Mexicanum   | <i>Blue Ageratum</i>             | tA                          | b.                      | ..                             | 6¼                 |
| odoratum   | <i>Sweet-scented do</i>          | ..                          | ..                      | ..                             | ..                 |
| Agrostemma coronaria   | <i>Rose Campion</i>              | †hP                         | ro.                     | 1                              | ..                 |
| alba   | <i>White do</i>                  | ..                          | w.                      | ..                             | ..                 |
| rosea alba   | <i>Rose and White do</i>         | ..                          | ro&w                    | ..                             | ..                 |
| Agrostis elegans   | <i>Elegant Bent Grass</i>        | hA                          | ap.                     | ..                             | 12½                |
| pulchella  | <i>Pretty do</i>                 | ..                          | ..                      | ..                             | ..                 |
| Aloe ferox   | <i>Spiny Aloe</i>                | g.S                         | y.                      | 6½                             | 25                 |
| Alonsoa grandiflora  | <i>Large Alonsoa</i>             | hhP                         | s.                      | 1                              | 12½                |
| Alstromeria acutifolia   | <i>Alstromeria</i>               | gP                          | r.&y                    | 2½                             | ..                 |
| aurantiaca   | <i>Orange do</i>                 | ..                          | o.                      | ..                             | ..                 |
| aurea  | <i>Yellow do</i>                 | ..                          | y.                      | 2                              | ..                 |
| hybrida  | <i>New Hybrid do</i>             | ..                          | div.                    | 2                              | ..                 |
| pelegrinum   | <i>Striped do</i>                | ..                          | stri.                   | 1½                             | ..                 |
| — alba   | <i>White do</i>                  | ..                          | w.                      | ..                             | ..                 |
| pulchella  | <i>Pretty do</i>                 | ..                          | s.                      | ..                             | ..                 |
| salsilla   | ..                               | ..                          | gn&er                   | 2                              | ..                 |
| tricolor   | <i>Three-colored do</i>          | ..                          | va.                     | 1                              | ..                 |
| Van Houttii  | <i>Van Houttes do</i>            | ..                          | ..                      | 2                              | ..                 |
| in vars  | <i>Mixed do</i>                  | ..                          | div.                    | ..                             | ..                 |
| Althea rosea nigra   | <i>Double Black Hollyhock</i>    | †hP                         | blk.                    | 7                              | 6¼                 |
| — flava  | <i>Yellow do</i>                 | ..                          | y.                      | ..                             | ..                 |
| in vars  | <i>Mixed do</i>                  | ..                          | div.                    | ..                             | ..                 |
| fl. pl. in vars  | <i>Finest Mixed do</i>           | ..                          | ..                      | ..                             | 12½                |
| Alyssum maritimum  | <i>Sweet Alyssum</i>             | hA                          | w.                      | ½                              | 6¼                 |
| saxatile   | <i>Golden do</i>                 | hP                          | y.                      | 1                              | ..                 |
| verbeckii  | <i>Verbeck's do</i>              | ..                          | w.&y.                   | ..                             | ..                 |

| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in CAPITALS. |                                  | Duration<br>and<br>Hardiness. | Color. | Height in<br>feet. | Price.               |
|--|----------------------------------|-------------------------------|--------|--------------------|----------------------|
| <b>Amaranthus caudatus</b>   | <i>Love-lies-bleeding</i>        | hA                            | cr.    | 3                  | 6 $\frac{1}{2}$ cts. |
| fulvus   | <i>Straw-colored do</i>          | ..                            | bff.   | ..                 | ..                   |
| hypocondriacus   | <i>Prince's Feather</i>          | ..                            | cr.    | ..                 | ..                   |
| tricolor   | <i>Three-colored Amaranthus</i>  | tA                            | va.    | 2                  | ..                   |
| <i>Amethyst</i>  | See <i>Browallia</i>             | ..                            | ..     | ..                 | ..                   |
| <b>Anagallis fruticosa</b>   | <i>Shrubby Pimpernel</i>         | tgB                           | s.     | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$     |
| azurea   | <i>Blue do</i>                   | ..                            | b.     | ..                 | ..                   |
| indica   | <i>Indian do</i>                 | hA                            | ..     | $\frac{1}{2}$      | 6 $\frac{1}{2}$      |
| Monelli Phillipsii   | <i>Monell's Pimpernel</i>        | tgP                           | b.     | 1                  | 12 $\frac{1}{2}$     |
| Parksii  | <i>Park's do</i>                 | ..                            | ..     | ..                 | ..                   |
| in vars  | <i>Mixed Anagallis</i>           | g.                            | div.   | ..                 | ..                   |
| <b>Anastatica hierochuntina</b>  | <i>Rose of Jericho</i>           | hhA                           | w.     | $\frac{1}{2}$      | 25                   |
| <b>Anchusa arvalis</b>   | <i>Bugloss</i>                   | thP                           | b.     | 1 $\frac{1}{2}$    | 6 $\frac{1}{2}$      |
| <b>Anemone coronaria</b>   | <i>Wind Flower</i>               | ..                            | div.   | 1                  | ..                   |
| pulsatilla   | <i>Pasque Flower</i>             | hP                            | v.     | 1 $\frac{1}{2}$    | ..                   |
| <i>Animated Oats</i>   | <i>Avena sensitiva</i>           | hA                            | ap.    | 2                  | ..                   |
| <b>Anoda Dilleniana</b>  | <i>Blue Hibiscus</i>             | ..                            | b.     | 2                  | ..                   |
| <b>Anthericum annuum</b>   | <i>Annual Anthericum</i>         | ..                            | y.     | 1 $\frac{1}{2}$    | ..                   |
| <b>Antirrhinum coccineum</b>   | <i>Scarlet Snapdragon</i>        | thP                           | s.     | 2                  | ..                   |
| purpureum  | <i>Purple do</i>                 | ..                            | p.     | ..                 | ..                   |
| variegata  | <i>Variegated do</i>             | ..                            | stri.  | 1 $\frac{1}{2}$    | ..                   |
| in vars  | <i>Mixed do</i>                  | ..                            | div.   | ..                 | ..                   |
| —  | <i>Finest Mixed do</i>           | ..                            | ..     | ..                 | 12 $\frac{1}{2}$     |
| <b>Aquilegia siberica</b>  | <i>Siberian Columbine</i>        | ..                            | b.     | 2                  | 6 $\frac{1}{2}$      |
| vulgaris   | <i>Mixed do</i>                  | ..                            | div.   | ..                 | ..                   |
| <b>Arctotis breviscapa</b>   | <i>Narrow-scaped Arctotis</i>    | hhA                           | o.&br. | $\frac{1}{2}$      | 12 $\frac{1}{2}$     |
| <b>Argemone grandiflora</b>  | <i>Mexican Poppy</i>             | hA                            | w.     | ..                 | 6 $\frac{1}{2}$      |
| <b>Armeria formosa</b>   | <i>Beautiful Statice</i>         | hP                            | ro.    | 1                  | 12 $\frac{1}{2}$     |
| <b>Asclepias tuberosa</b>  | <i>Swallow Wort</i>              | ..                            | o.     | 2                  | 6 $\frac{1}{2}$      |
| <b>Aster Chinensis cœruleus</b>  | <i>Blue China Aster</i>          | hhA                           | b.     | 1 $\frac{1}{2}$    | ..                   |
| — albus  | <i>Blue and White do</i>         | ..                            | b.&w.  | ..                 | ..                   |
| — roseus   | <i>Rose do</i>                   | ..                            | ro.    | ..                 | ..                   |
| — albus  | <i>White do</i>                  | ..                            | w.     | ..                 | ..                   |
| — Turcicus   | <i>Turkey do</i>                 | ..                            | r.     | ..                 | ..                   |
| — in vars  | <i>Mixed Tall do</i>             | ..                            | div.   | 2                  | ..                   |
| — nanus, in vars   | <i>Dwarf Mixed do</i>            | ..                            | ..     | $\frac{1}{2}$      | ..                   |
| — fimbriatus   | <i>Finest Mixed German Aster</i> | ..                            | ..     | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$     |
| — nanus fl. pl.  | — <i>Dwarf do</i>                | ..                            | ..     | $\frac{1}{2}$      | ..                   |
| — globularis   | <i>Globe Flowered do</i>         | ..                            | ..     | 1 $\frac{1}{2}$    | ..                   |
| — variegatus   | <i>Finest Variegated do</i>      | ..                            | ..     | ..                 | ..                   |
| — PÆONIÆFLORUS   | <i>Pæony flowered do</i>         | ..                            | ..     | ..                 | 25                   |
| — pyramidalis  | <i>Pyramidal do</i>              | ..                            | ..     | 2                  | 12 $\frac{1}{2}$     |
| — tenellus   | <i>Biennial do</i>               | thB                           | b.&y.  | $\frac{1}{2}$      | 6 $\frac{1}{2}$      |
|  | FLAT FLOWERED                    | hhA                           | div.   | ..                 | 12 $\frac{1}{2}$     |
| <b>Athanasia annua</b>   | <i>Annual Athanasia</i>          | hA                            | y.     | 1                  | 6 $\frac{1}{2}$      |
| <b>Atropa physalioides</b>   | <i>Kite Flower</i>               | ..                            | p.     | 1                  | ..                   |
| <i>Auricula</i>  | <i>Primula auricula</i>          | tP                            | div.   | $\frac{1}{2}$      | ..                   |
| <b>Avena sensitiva</b>   | <i>Animated Oats</i>             | hA                            | ap.    | 2                  | ..                   |
| <b>Balloon Vine*</b>   | <i>Cardiospermum halicacabum</i> | tA                            | w&gn   | 6                  | 6 $\frac{1}{2}$      |
| <b>Balm of Gilead</b>  | <i>Dracocephalum</i>             | thhP                          | r.&p.  | 1 $\frac{1}{2}$    | ..                   |
| <b>Balsam Apple*</b>   | <i>Momordica balsamina</i>       | tA                            | y.     | 10                 | ..                   |
| <b>Balsam Pear*</b>  | charantia                        | ..                            | ..     | ..                 | ..                   |
| <b>Balsamina hortensis, in vars</b>  | <i>Double Mixed Balsams</i>      | hhA                           | div.   | 2                  | ..                   |
| — fl. pl.  | — <i>Paris do</i>                | ..                            | ..     | ..                 | 12 $\frac{1}{2}$     |
| alba   | <i>White do</i>                  | ..                            | w.     | ..                 | ..                   |
| kermesina  | <i>Crimson do</i>                | ..                            | cr.    | ..                 | ..                   |
| punctata   | <i>Spotted do</i>                | ..                            | spot.  | ..                 | ..                   |
| purpurea   | <i>Purple do</i>                 | ..                            | p.     | ..                 | ..                   |
| rosea  | <i>rose do</i>                   | ..                            | ro.    | ..                 | ..                   |
| coccinea   | <i>scarlet do</i>                | ..                            | s.     | ..                 | ..                   |
| striata  | <i>striped do</i>                | ..                            | stri.  | ..                 | ..                   |
| camelliflora, in vars  | <i>Mixed Camellia do</i>         | ..                            | div.   | ..                 | ..                   |
| — kermesina  | <i>Crimson do do</i>             | ..                            | cr.    | ..                 | ..                   |



| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in CAPITALS. |                               | Hardiness<br>and<br>Duration. | Color. | Height in<br>feet. | Price.<br>cts. |
|--|-------------------------------|-------------------------------|--------|--------------------|----------------|
| Balsamina camelliaeflora rosea   | <i>Rose Camellia Balsams</i>  | hhA                           | ro.    | 2                  | 12½            |
| — violacea   | <i>Violet do do</i>           | ..                            | v.     | ..                 | ..             |
| hortensis nanissima  | <i>New miniature do</i>       | ..                            | div.   | 1                  | 25             |
| Baptisia australis   | <i>Southern Baptisia</i>      | hP                            | b.     | 2                  | 6½             |
| Bartonia aurea   | <i>Golden Bartonia</i>        | hA                            | y.     | 1½                 | ..             |
| Batchelor's Buttons  | see Gomphrena                 | ..                            | ..     | ..                 | ..             |
| Bee Larkspur   | <i>Delphinium elatum</i>      | thP                           | b.     | 3                  | 6½             |
| Bell Flower  | see Campanula                 | ..                            | ..     | ..                 | ..             |
| Bellis perennis  | <i>Poetic Daisy</i>           | thP                           | div.   | ½                  | ..             |
| Bignonia radicans grandiflora*   | <i>Trumpet Creeper</i>        | hP                            | s.     | 20                 | ..             |
| Blitum capitatum   | <i>Strawberry Blight</i>      | hA                            | gn.    | 1                  | ..             |
| Blue Bottle  | see Centaurea                 | ..                            | ..     | ..                 | ..             |
| Blumenbachia insignis  | <i>Blumenbachia</i>           | hhA                           | w.     | 1                  | 12½            |
| Brachycome iberidifolia  | <i>Brachycome</i>             | ..                            | b.     | 1½                 | ..             |
| in vars  | <i>Mixed do</i>               | ..                            | div.   | ..                 | ..             |
| Briza maxima   | <i>Quaking Grass</i>          | hA                            | gn.    | ..                 | 6½             |
| gracilis   | <i>Slender do do</i>          | ..                            | ap.    | 1                  | ..             |
| Brompton Stock   | see Mathiola                  | ..                            | ..     | ..                 | ..             |
| Browalia elata   | <i>Amethyst</i>               | tA                            | b.     | 2                  | ..             |
| alba   | <i>White do</i>               | ..                            | w.     | ..                 | ..             |
| Brunla nodiflora   | <i>Knot-flowered Brunia</i>   | g.S                           | w.     | 6                  | 12½            |
| Buddleia Lindleyana  | <i>Dr. Lindley's Buddlea</i>  | ..                            | div.   | 7-9                | 25             |
| Cacalia coccinea   | <i>Tassel Flower</i>          | hA                            | s.     | 1                  | 6½             |
| aurantiaca   | <i>Orange do</i>              | ..                            | o.     | ..                 | ..             |
| Cactus sp. ex. Texas   | <i>Texian Cactus</i>          | gS                            | div.   | 2                  | 25             |
| Cajanus flavus   | <i>Yellow Cajanus</i>         | ..                            | y.     | 4                  | 12½            |
| Calendrinia discolor   | <i>Elegant Calandrinia</i>    | thhP                          | ro.    | 1½                 | 6½             |
| grandiflora  | <i>Large flowering do</i>     | ..                            | p.     | ..                 | ..             |
| Lindleyana   | <i>Lindley's do</i>           | hA                            | r.     | ½                  | 12½            |
| speciosa   | <i>Showy do</i>               | ..                            | p.     | ..                 | 6½             |
| umbellata  | <i>Umbel-flowered do</i>      | thhP                          | ..     | ½                  | 12½            |
| Buridgii   | <i>Buridges do</i>            | ..                            | ..     | ..                 | 25             |
| Calceolaria pinnata  | <i>Slipperwort</i>            | hhA                           | y.     | 1½                 | 12½            |
| HYBRIDA NANA NOVA  | <i>New Dwarf Calceolaria</i>  | gP.                           | div.   | 1                  | 50             |
| — punctata superba   | <i>Superb spotted do</i>      | ..                            | ..     | 2                  | ..             |
| sp. ex. California   | <i>Californian do</i>         | ..                            | y.     | 1½                 | 25             |
| sp. ex. Peru   | <i>Peruvian do</i>            | hhP                           | ..     | ..                 | ..             |
| hybrida (fine)   | <i>Finest hybrid do</i>       | gP                            | div.   | 2                  | ..             |
| suberecta  | <i>Suberect do</i>            | hhP                           | y.     | ..                 | ..             |
| Calampellis scabra*  | <i>Echromocarpus</i>          | thhP                          | o.     | 6                  | 12½            |
| miniata*   | <i>Carmine do</i>             | ..                            | car.   | ..                 | ..             |
| Calendula Stellata   | <i>Starry Marigold</i>        | hA                            | o.     | 2                  | 6½             |
| Callichroa platyglossa   | <i>Broad-rayed Callichroa</i> | ..                            | y.     | 1                  | ..             |
| Callopsis Atkinsonii   | <i>Atkinson's Coreopsis</i>   | thP                           | y&br.  | 2½                 | ..             |
| CORONATA   | <i>Crown-flowered do</i>      | hA                            | y&r.   | 2                  | 12½            |
| Drummondii   | <i>Drummond's do</i>          | hhA                           | y&br.  | 1                  | 6½             |
| — major  | <i>Large-flowered do</i>      | ..                            | ..     | ..                 | ..             |
| elegans picta  | <i>Painted do</i>             | hA                            | ..     | 2                  | ..             |
| marmorata  | <i>Marbled do</i>             | thhA                          | va.    | ..                 | ..             |
| nana nova  | <i>Dwarf do</i>               | ..                            | y&r.   | 1                  | ..             |
| nigra speciosa   | <i>Dark Showy do</i>          | ..                            | ..     | ..                 | 12½            |
| Campanula carpatica  | <i>Carpathian Bell Flower</i> | fhP                           | b.     | ¾                  | ..             |
| grandis  | <i>Grand do</i>               | ..                            | lb.    | 2                  | ..             |
| medium   | <i>Canterbury Bells</i>       | ..                            | p.     | 3                  | ..             |
| — alba   | <i>White do</i>               | ..                            | w.     | ..                 | ..             |
| — in vars  | <i>Mixed do</i>               | ..                            | div.   | ..                 | ..             |
| — fl. pl.  | <i>Double Purple do</i>       | ..                            | p.     | ..                 | ..             |
| — — alba   | <i>Double White do</i>        | ..                            | w.     | ..                 | ..             |
| pyramidalis  | <i>Pyramidal Bell Flower</i>  | hP                            | l. b.  | 4                  | ..             |
| speculum   | <i>Venus Looking Glass</i>    | hA                            | b.     | ¾                  | ..             |
| — alba   | <i>White do</i>               | ..                            | w.     | ..                 | ..             |
| — lilacina   | <i>Lilac do</i>               | ..                            | li.    | ..                 | ..             |
| Campion  | see Agrostemma                | ..                            | ..     | ..                 | ..             |



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|--|----------------------------------|-------------------------------|--------|--------------------|----------------------|
| <i>Canary Bird Flower*</i>   | <i>Tropæolum peregrinum</i>      | hhA                           | y.     | 6                  | cts. 6 $\frac{1}{4}$ |
| <i>Candytuft</i>   | see <i>Iberis</i>                |                               |        |                    |                      |
| <i>Canterbury Bells</i>  | see <i>Campanula</i>             |                               |        |                    |                      |
| <i>Caper Tree</i>  | <i>Euphorbia lathyrus</i>        | hA                            | gn.    | 3                  | 6 $\frac{1}{4}$      |
| <i>Cardiospermum halicacabum*</i>  | <i>Balloon Vine</i>              | tA                            | w&gn.  | 6                  | ..                   |
| <i>Carnation</i>   | see <i>Dianthus</i>              |                               |        |                    |                      |
| <i>Carolina Jasmine*</i>   | <i>Gelsemium nitidum</i>         | hhP                           | y.     | 2                  | ..                   |
| <i>Carthamnus tinctoria</i>  | <i>Saffron</i>                   | hA                            | o.     | 2                  | ..                   |
| <i>Cardinal Flower</i>   | <i>Lobelia cardinalis</i>        | hP                            | s.     | 2                  | ..                   |
| <i>Cassia corymbosa</i>  | <i>Bunched-flowered Cassia</i>   | gS                            | y.     | 5-7                | 25                   |
| <i>Casuarina sp. eximea</i>  | <i>Fine species Casuarina</i>    | ap.                           | ap.    | 3-8                | ..                   |
| <i>Catananche alba</i>   | <i>White Catananche</i>          | hA                            | w.     | 1                  | 6 $\frac{1}{4}$      |
| <i>cærulea</i>   | <i>Blue do</i>                   | thP                           | b.     | 2                  | ..                   |
| <i>lutea</i>   | <i>Yellow do</i>                 | hA                            | y.     | 1                  | ..                   |
| <i>Catch Fly</i>   | see <i>Silene</i>                |                               |        |                    |                      |
| <i>Caterpillars</i>  | <i>Medicago circinnata</i>       | ..                            | pk.    | trail.             | ..                   |
| <i>Celosia cristata</i>  | <i>Mixed Cockscomb</i>           | tA                            | div.   | 2                  | ..                   |
| — <i>nana</i>  | <i>Finest Dwarf do</i>           | ..                            | ..     | ..                 | 12 $\frac{1}{2}$     |
| <i>coccinea</i>  | <i>Scarlet do</i>                | ..                            | s.     | ..                 | 6 $\frac{1}{4}$      |
| <i>lutea</i>   | <i>Yellow do</i>                 | ..                            | y.     | ..                 | ..                   |
| <i>Celsia cretica</i>  | <i>Cretian Celsia</i>            | thB                           | ..     | 3                  | ..                   |
| <i>Cenia turbinata</i>   | <i>Turbinated Cenia</i>          | hA                            | w.     | $\frac{1}{2}$      | 12 $\frac{1}{2}$     |
| — <i>formosa</i>   | <i>Beautiful do</i>              | ..                            | y.     | 1                  | 25                   |
| <i>Centauridium Drummondii</i>   | <i>Drummond's Centauridium</i>   | ..                            | p.     | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$     |
| <i>Centaura americana</i>  | <i>American Centaura</i>         | ..                            | ..     | 3                  | 6 $\frac{1}{4}$      |
| <i>cyaneus major</i>   | <i>Great Blue Bottle</i>         | ..                            | div.   | 2                  | ..                   |
| — <i>minor</i>   | <i>Small do</i>                  | ..                            | ..     | ..                 | ..                   |
| <i>depressa</i>  | <i>Dwarf Centaura</i>            | ..                            | b.     | 1                  | 12 $\frac{1}{2}$     |
| <i>moschata</i>  | <i>Purple Sweet Sultan</i>       | ..                            | p.     | 2                  | 6 $\frac{1}{4}$      |
| — <i>alba</i>  | <i>White do</i>                  | ..                            | w.     | ..                 | ..                   |
| <i>suaveolens</i>  | <i>Yellow do</i>                 | ..                            | y.     | 1 $\frac{1}{2}$    | ..                   |
| <i>Centranthus macrocephalus</i>   | <i>Long Tubed Centranthus</i>    | ..                            | r.     | $\frac{1}{4}$      | ..                   |
| — <i>ALBUM</i>   | <i>White do</i>                  | ..                            | w.     | ..                 | 25                   |
| — <i>NANA</i>  | <i>Dwarf do</i>                  | ..                            | ..     | ..                 | ..                   |
| <i>Cheiranthus Cheiri</i>  | <i>Bloody Wall-flower</i>        | tP                            | br.    | 1                  | 6 $\frac{1}{4}$      |
| — <i>in vars</i>   | <i>Fine Mixed do</i>             | ..                            | div.   | 1                  | 12 $\frac{1}{2}$     |
| — <i>fl. pl.</i>   | <i>Finest German Double do</i>   | ..                            | ..     | ..                 | ..                   |
| —  | <i>Fine German, new sorts do</i> | ..                            | ..     | ..                 | 25                   |
| <i>Chelone barbata</i>   | <i>Bearded Penstemon</i>         | thP                           | s.     | 2                  | 12 $\frac{1}{2}$     |
| <i>gentianoides</i>  | <i>Gentian do</i>                | ..                            | r.     | ..                 | ..                   |
| — <i>alba</i>  | <i>White do</i>                  | ..                            | w.     | ..                 | ..                   |
| — <i>coccinea</i>  | <i>Scarlet do</i>                | ..                            | s.     | ..                 | ..                   |
| — <i>elegans</i>   | <i>Elegant do</i>                | ..                            | ro.    | ..                 | ..                   |
| <i>obliqua</i>   | <i>Oblique-flowered Chelone</i>  | gP                            | p.     | ..                 | ..                   |
| <i>CHÆNOSTOMA FASTIGIATUM</i>  | <i>Bunch-flowered Chænostoma</i> | hhA                           | ro.    | 7-8                | ..                   |
| <i>Chili Marigold</i>  | <i>Tagetes lucida</i>            | tgP                           | y.     | 1                  | 6 $\frac{1}{4}$      |
| <i>China Pink</i>  | see <i>Dianthus</i>              |                               |        |                    |                      |
| <i>Chorozema chandleri</i>   | <i>Chandler's Chorozema</i>      | gS                            | ..     | 2                  | 25                   |
| <i>varium</i>  | <i>Elegant do</i>                | ..                            | o.     | 2                  | ..                   |
| <i>Chrysanthemum album</i>   | <i>White Chrysanthemum</i>       | hA                            | w.     | 3                  | 6 $\frac{1}{4}$      |
| <i>coronarium</i>  | <i>Yellow do</i>                 | ..                            | y.     | ..                 | ..                   |
| <i>tricolorum</i>  | <i>Three-colored do</i>          | ..                            | 3 col. | 1                  | ..                   |
| — <i>in vars</i>   | <i>Mixed annual do</i>           | ..                            | div.   | ..                 | ..                   |
| <i>indicum</i>   | <i>Indian do</i>                 | gP                            | ..     | 3                  | 25                   |
| <i>Chrysurus cynosuroides</i>  | <i>Cynosurus-like Chrysurus</i>  | hA                            | ap.    | $\frac{1}{2}$      | 6 $\frac{1}{4}$      |
| <i>CINERARIA HYBRIDA NANA</i>  | <i>Dwarf Hybrid Cineraria</i>    | gP                            | div.   | 1                  | 50                   |
| — <i>in vars</i>   | <i>Finest Mixed do</i>           | tgP                           | ..     | ..                 | 25                   |
| <i>Citrus myrtifolius</i>  | <i>Myrtle-leaved Citrus</i>      | gS                            | ro.    | 5-7                | ..                   |
| <i>Citrus alpinus</i>  | <i>Scotch Laburnum</i>           | hP                            | y.     | 10                 | 6 $\frac{1}{4}$      |
| <i>laburnum</i>  | <i>English do</i>                | ..                            | ..     | ..                 | ..                   |
| <i>scoparius</i>   | <i>Scotch Broom</i>              | ..                            | ..     | 3                  | ..                   |
| <i>Cladanthus arabicus</i>   | <i>Eastern Cladanthus</i>        | hA                            | ..     | ..                 | ..                   |
| <i>Clarkia pulchella fimbriata</i>   | <i>Fringed Clarkia</i>           | ..                            | w.     | 14                 | 12 $\frac{1}{2}$     |

| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in CAPITALS. |                                     | Duration<br>and<br>Hardness. | Color. | Height in<br>feet. | Price. |
|--|-------------------------------------|------------------------------|--------|--------------------|--------|
| Clarkea elegans  | <i>Elegant Clarkea</i>              | hA                           | li.    | 1½                 | 6½     |
| carnea fl. pl.   | <i>Double do</i>                    | ..                           | ro.    | ..                 | ..     |
| pulchella  | <i>Pretty do</i>                    | ..                           | ..     | ..                 | ..     |
| — alba   | <i>White do</i>                     | ..                           | w.     | ..                 | ..     |
| — grandiflora  | <i>Large flowering do</i>           | ..                           | r.     | ..                 | ..     |
| nerifolia  | <i>Oleander leaved do</i>           | tA                           | ..     | ..                 | ..     |
| in vars  | <i>Mixed do</i>                     | hA                           | div.   | ..                 | ..     |
| <i>Clary purple</i>  | <i>Salvia hominum</i>               | ..                           | p.     | 1                  | ..     |
| — red  | — <i>rubra</i>                      | ..                           | r.     | ..                 | ..     |
| Clematis flammula*   | <i>Sweet-scented Virgin's Bower</i> | hP                           | w.     | 15                 | ..     |
| vitalba*   | <i>Traveller's Joy</i>              | ..                           | ..     | ..                 | ..     |
| Cleome Trachysperma  | <i>Rough-seeded Cleome</i>          | ..                           | ..     | ..                 | 25     |
| rosea  | <i>Spider Wort</i>                  | hA                           | ro.    | 2                  | 6½     |
| Clianthus puniceus   | <i>Eastern Clianthus</i>            | hP                           | cr.    | 6                  | 25     |
| Clintonia elegans  | <i>Elegant Clintonia</i>            | tA                           | b.     | ¾                  | 12½    |
| pulchella  | <i>Pretty do</i>                    | ..                           | 3 col. | ..                 | ..     |
| — alba   | <i>White do</i>                     | ..                           | w.     | ..                 | ..     |
| Clitoria Ternatea  | <i>Sky-blue Clitoria</i>            | gS                           | b.     | 4                  | 25     |
| Cobea scandens*  | <i>Climbing Cobea</i>               | tP                           | p.     | 15                 | 6½     |
| Cockscomb  | see <i>Celosia</i>                  | ..                           | ..     | ..                 | ..     |
| Coix lachryma Jobii  | <i>Job's Tears</i>                  | hA                           | b.     | 2                  | ..     |
| COLLINSIA BARTSÆFOLIA  | <i>Bartisia-leaved Collinsia</i>    | ..                           | d. p.  | 1                  | 12½    |
| MULTICOLOR   | <i>Many-colored do</i>              | ..                           | div.   | 1½                 | ..     |
| atrorubens   | <i>Dark Red do</i>                  | ..                           | r&w.   | 1                  | 6½     |
| bicolor  | <i>Two-colored do</i>               | ..                           | p&w.   | ..                 | ..     |
| grandiflora  | <i>Large flowering do</i>           | ..                           | p&b.   | ..                 | ..     |
| heterophylla   | <i>Various leaved do</i>            | ..                           | p&w.   | ..                 | ..     |
| Collomia coccinea  | <i>Scarlet Collomia</i>             | ..                           | s.     | ..                 | ..     |
| grandiflora  | <i>Great flowering do</i>           | ..                           | bff.   | ..                 | ..     |
| Columbine  | see <i>Aquilegia</i>                | ..                           | ..     | ..                 | ..     |
| Commelina coelestis  | <i>Blue Commelina</i>               | thhP                         | b.     | 1½                 | 12½    |
| — alba   | <i>White do</i>                     | ..                           | w.     | ..                 | ..     |
| Convolvulus major*   | <i>Mixed Morning Glory</i>          | hA                           | div.   | 10                 | 6½     |
| minor  | <i>Dwarf Convolvulus</i>            | ..                           | 3 col. | tra.               | ..     |
| — alba   | <i>White do</i>                     | ..                           | w.     | ..                 | ..     |
| atropurpureus  | <i>Dark Purple do</i>               | ..                           | d. p.  | ..                 | ..     |
| Coral Plant*   | see <i>Erythrina</i>                | ..                           | ..     | ..                 | ..     |
| Coreopsis  | see <i>Calliopsis</i>               | ..                           | ..     | ..                 | ..     |
| Corydalis glauca   | <i>Yellow Corydalis</i>             | thB                          | v.     | 1                  | 12½    |
| Cosmanthus fimbriatus  | <i>Fringed Cosmanthus</i>           | hhA                          | b&w.   | ¾                  | 6½     |
| Cosmea bipinnata   | <i>Bipinnate Cosmea</i>             | ..                           | p.     | 2                  | ..     |
| Cotton   | <i>Gossypium herbaceum</i>          | tA                           | w.     | 3                  | ..     |
| Cockslip   | <i>Primula veris</i>                | thhP                         | div.   | ½                  | ..     |
| Crepis barbata   | <i>Golden Hawkweed</i>              | hA                           | y.     | 2                  | ..     |
| rubra  | <i>Red do</i>                       | ..                           | r.     | ..                 | ..     |
| Crotalaria turgida   | <i>Turgid Cortolaria</i>            | gS                           | y.     | 3                  | 12½    |
| Cucumis flexuosa*  | <i>Snake Melon</i>                  | tA                           | ..     | tra.               | 6½     |
| odoratissimus*   | <i>Pomegranate do</i>               | ..                           | ..     | ..                 | ..     |
| Cucurbita aurantia*  | <i>Mock Orange</i>                  | ..                           | ..     | 8                  | ..     |
| bicolor*   | <i>Two-colored do</i>               | ..                           | ..     | ..                 | ..     |
| clave Herculis*  | <i>Hercules Club</i>                | ..                           | ..     | 10                 | ..     |
| lagenaria*   | <i>Bottle Gourd</i>                 | ..                           | ..     | 8                  | ..     |
| Cuphea platycentra   | <i>Broad-leaved Cuphea</i>          | tgP                          | s&w.   | 2                  | 12½    |
| procumbens   | <i>Trailing do</i>                  | hhA                          | p.     | ½                  | 6½     |
| STRIGILLOSA  | <i>Strigillose do</i>               | tgP                          | s&y.   | 1½                 | 25     |
| Cyclolobium sp. nova   | <i>New species Cyclolobium</i>      | gS                           | ..     | ..                 | 12½    |
| Cypress Vine   | see <i>Ipomea quamoclit</i>         | ..                           | ..     | ..                 | ..     |
| Dahlia repens  | <i>Creeping Dahlia</i>              | thhP                         | p.     | 1                  | ..     |
| superflua  | <i>Fine Mixed Double Dahlia</i>     | ..                           | div.   | 4                  | ..     |
| Delphinium ajacis fl. pl.  | <i>Double Dwarf Rocket Larkspur</i> | hA                           | ..     | 1                  | 6½     |
| chinense pl. in vars   | <i>Mixed Chinese do</i>             | thP                          | ..     | 3                  | ..     |
| consolida  | <i>Branching do</i>                 | hA                           | ..     | ..                 | ..     |
| elatum   | <i>Bee do</i>                       | thP                          | b.     | ..                 | ..     |

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|--|--------------------------------------|-------------------------------|---------|--------------------|---------|
| Delphinium grandiflorum  | <i>Large flowering Larkspur</i>      | +hP                           | b.      | 3                  | cts. 64 |
| rosea  | <i>Rose do</i>                       | hA                            | ro.     | 2                  | 64      |
| <i>Dev Plant</i>   | See Mesembryanthemum                 |                               |         |                    |         |
| Dianthus annuus  | <i>Annual Double China Pink</i>      | ..                            | div.    | 1                  | ..      |
| atrorubens   | <i>Dark Red do</i>                   | +hP                           | d. r.   | ..                 | ..      |
| atroviolaceus  | <i>Violet do</i>                     | ..                            | d. v.   | ..                 | ..      |
| barbatus   | <i>Sweet William</i>                 | ..                            | div.    | ..                 | ..      |
| — fl. pl.  | <i>Double do</i>                     | ..                            | ..      | ..                 | 12 1/2  |
| caryophyllus   | <i>Carnation</i>                     | +hhP                          | ..      | 2                  | 64      |
| — fl. pl.  | <i>Fine do. from named flowers</i>   | ..                            | ..      | ..                 | 25      |
| — bicolor  | <i>Flake Carnation</i>               | hhP                           | ..      | ..                 | 50      |
| — variegatus   | <i>Bizarre do</i>                    | ..                            | ..      | ..                 | 25      |
| — albo punctatus   | <i>White Picotee</i>                 | ..                            | w.      | ..                 | 50      |
| — luteo punctatus  | <i>Yellow do</i>                     | ..                            | y.      | ..                 | ..      |
| — in vars  | <i>Mixed do</i>                      | ..                            | d. v.   | ..                 | 12 1/2  |
| — — — —  | <i>Finest do. from named flowers</i> | ..                            | ..      | ..                 | 25      |
| chinensis albus  | <i>Double white Chinese Pink</i>     | +hB                           | w.      | ..                 | 12 1/2  |
| — pl. in vars  | <i>Double China Pink</i>             | ..                            | div.    | 1                  | 64      |
| — imperialis   | <i>Imperial do</i>                   | ..                            | ..      | ..                 | ..      |
| — cupreus novus  | <i>New Copper do</i>                 | ..                            | cep.    | ..                 | 25      |
| — VARIEGATUS   | <i>White Striped do</i>              | ..                            | ..      | ..                 | ..      |
| — NANA NOVA  | <i>New Dwarf do</i>                  | ..                            | ..      | ..                 | ..      |
| deltoides  | <i>Maiden Pink or London Pride</i>   | +hP                           | l. r.   | ..                 | 64      |
| fimbriatus   | <i>Fringed China Pink</i>            | ..                            | pk.     | ..                 | ..      |
| Gardnerii  | <i>Gardner's do</i>                  | ..                            | div.    | 1                  | 25      |
| hispanicus   | <i>Spanish do</i>                    | hP                            | ..      | ..                 | 64      |
| japonicus  | <i>Japan do</i>                      | ..                            | s.      | ..                 | 12 1/2  |
| moschatus  | <i>Sweet Garden do</i>               | +hP                           | div.    | ..                 | 64      |
| — fl. pl.  | <i>Double do do</i>                  | hP                            | ..      | ..                 | 12 1/2  |
| plumarius fl. pl.  | <i>Pheasant eye do</i>               | ..                            | ..      | ..                 | 64      |
| prolifera  | <i>Profuse flowering do</i>          | hA                            | ..      | 1                  | 25      |
| scoticus   | <i>Scotch do</i>                     | ..                            | ..      | ..                 | ..      |
| SUPERBUS NOVUS   | <i>New Superb do</i>                 | +hP                           | ..      | 1 1/2              | 12 1/2  |
| superbus   | <i>Superb do</i>                     | ..                            | li.     | ..                 | 64      |
| hybridus   | <i>Hybrid do</i>                     | hP                            | div.    | ..                 | 12 1/2  |
| Dictamnus fraxinella   | <i>Gas Plant</i>                     | ..                            | w.      | 2                  | 64      |
| rubra  | <i>Red do</i>                        | ..                            | r.      | ..                 | ..      |
| in vars  | <i>Mixed do</i>                      | ..                            | div.    | ..                 | ..      |
| Didiscus cærulea   | <i>Blue Discus</i>                   | hhA                           | b.      | ..                 | ..      |
| Digitalis aurea  | <i>Golden Fox Glove</i>              | +hP                           | y.      | 1 1/2              | ..      |
| grandiflora  | <i>Yellow do</i>                     | ..                            | ..      | ..                 | ..      |
| purpurea   | <i>Purple do</i>                     | ..                            | p.      | 3                  | ..      |
| alba   | <i>White do</i>                      | ..                            | w.      | ..                 | ..      |
| punctata   | <i>Spotted do</i>                    | ..                            | spot.   | ..                 | ..      |
| Diosma alba  | <i>White Diosma</i>                  | gS                            | w.      | 2 1/2              | 25      |
| Dodecatheon Meadia   | <i>Meadia Dodecatheon</i>            | +hhP                          | div.    | 1                  | ..      |
| Dolichos labiatus  | <i>Hyacinth Beans</i>                | hA                            | p.      | 6                  | 64      |
| — alba*  | <i>White do</i>                      | ..                            | w.      | ..                 | ..      |
| — in vars*   | <i>Mixed do</i>                      | ..                            | div.    | ..                 | ..      |
| — nana   | <i>Dwarf do</i>                      | ..                            | w.      | 3                  | 12 1/2  |
| Dracocephalum canariense   | <i>Balm of Gilead</i>                | +hhP                          | r. & p. | 1 1/2              | 64      |
| Drummond's Phlox   | See Phlox Drummondii                 |                               |         |                    |         |
| Echinops sphærocephalus  | <i>Globe Thistle</i>                 | hP                            | r.      | 2                  | ..      |
| Echium grandiflorum  | <i>Vipers Bugloss</i>                | +hB                           | b.      | 1                  | ..      |
| Edwardia grandiflora   | <i>Large flowered Edwardia</i>       | gS                            | y.      | 10                 | 25      |
| Elichrysium bracteatum   | <i>Yellow Eternal Flower</i>         | hA                            | ..      | 1                  | 64      |
| — album  | <i>White do</i>                      | ..                            | w.      | ..                 | ..      |
| — macranthum   | <i>Large Flowering do</i>            | ..                            | pk.     | ..                 | ..      |
| Elsholtzia cristata  | <i>Crested Elsholtzia</i>            | ..                            | ..      | ..                 | ..      |
| Epacris hybrida superba  | <i>Splendid hybrid Epacris</i>       | gS                            | div.    | div.               | 50      |
| Epilobium lanceolatum  | <i>Lance-leaved Epilobium</i>        | hP                            | ..      | ..                 | 25      |
| Eragrostis elegans   | <i>Love Grass</i>                    | hA                            | ap.     | 1                  | 12 1/2  |

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|--|----------------------------------|------------------------------|--------|--------------------|----------------|
| Erica pl. in vars  | <i>Finest Heath</i> , 30 vars    | gP                           | div.   | div.               | 25             |
| Erysimum Peroffskyanum   | <i>Hedge Mustard</i>             | hA                           | o.     | 1                  | 6½             |
| BARBAREA VARIEGATA   | <i>Variegated do</i>             | hP                           | y.     | 1½                 | 12½            |
| Erythrina Crista Galli*  | <i>Coral Plant</i>               | tP                           | s.     | 10                 | 25             |
| caffra   | <i>Caffrarian do</i>             | g.S                          | ..     | 6                  | 50             |
| Eschscholtzia Californica  | <i>Californian Eschscholtzia</i> | thP                          | y.     | 1½                 | 6½             |
| crocea   | <i>Saffron do</i>                | ..                           | o.     | ..                 | ..             |
| alba   | <i>White do</i>                  | ..                           | w.     | ..                 | ..             |
| <i>Eternal Flower</i>  | See Elychrisum                   | ..                           | ..     | ..                 | ..             |
| Ethulia corymbosa  | <i>Bunch-flowered Ethulia</i>    | hhA                          | p.     | 1½                 | 12½            |
| Euchardium concinnum   | <i>Neat Euchardium</i>           | hA                           | ro.    | 1½                 | ..             |
| grandiflorum   | <i>Great flowered do</i>         | ..                           | ..     | ..                 | ..             |
| EUCNIDE BARTONIOIDES   | <i>Bartonia-like Eucnide</i>     | hhA                          | y.     | 1                  | ..             |
| Euphorbia lathyrus   | <i>Caper Tree</i>                | hA                           | gn.    | 3                  | 6½             |
| variegata  | <i>Variegated Euphorbia</i>      | ..                           | w&gn.  | 2                  | ..             |
| Euphrasia linifolia  | <i>Flax-leaved Euphrasia</i>     | ..                           | p.     | 1                  | 12½            |
| Eutoca multiflora  | <i>Many-flowered Eutoca</i>      | ..                           | lav.   | 6½                 | 6½             |
| viscida  | <i>Viscid do</i>                 | ..                           | b.     | ..                 | ..             |
| wrangeliiana   | <i>Dr Wangle's do</i>            | ..                           | li     | ..                 | ..             |
| <i>Evening Primrose</i>  | See Enothera                     | ..                           | ..     | ..                 | ..             |
| Fasione humilis  | <i>Dwarf Fasione</i>             | ..                           | ..     | ..                 | 25             |
| Feather Grass  | <i>Stipa pinnata</i>             | ..                           | ap.    | 1                  | 6½             |
| Fenzlia Dianthiflora   | ..                               | ..                           | ..     | ..                 | 25             |
| Fœdia cornucopiae  | <i>Horn of Plenty</i>            | ..                           | r.     | ..                 | 6½             |
| <i>Forget-me-not</i>   | See Myosotis                     | ..                           | ..     | ..                 | ..             |
| <i>Fox Glove</i>   | See Digitalis                    | ..                           | ..     | ..                 | ..             |
| <i>Four o'clocks</i>   | See Mirabilis                    | ..                           | ..     | ..                 | ..             |
| Fraxinella   | See Dictamnus                    | ..                           | ..     | ..                 | ..             |
| <i>French Marigold</i>   | Tagetes patula                   | hhA                          | br.    | ..                 | ..             |
| Fuchsia pl. in vars  | <i>Splendid Mixed Fuchsia</i>    | gP                           | div.   | div.               | 25             |
| Fumaria spicata  | <i>Fume Wort</i>                 | hA                           | flesh. | 1½                 | 6½             |
| Gaillardia Drummondii  | <i>Drummond's Gaillardia</i>     | tgP                          | y&br.  | ..                 | ..             |
| picta  | <i>Painted do</i>                | ..                           | y&s.   | ..                 | ..             |
| — coccinea   | <i>Scarlet do</i>                | ..                           | s.     | ..                 | ..             |
| — elegantissima  | <i>Elegant do</i>                | ..                           | y&s.   | ..                 | ..             |
| Richardsonii   | <i>Richardson's do</i>           | ..                           | o.     | ..                 | ..             |
| Wellsiana  | <i>Well's do</i>                 | ..                           | o&s.   | 2                  | ..             |
| Gardenia crassifolium  | ..                               | ..                           | ..     | ..                 | 25             |
| Rothmanni  | <i>Rothman's Gardenia</i>        | g.S                          | l. y.  | 8                  | ..             |
| Gaura Lindheimeria   | <i>New Gaura</i>                 | hhA                          | w&r.   | 3                  | 12½            |
| Gazania uniflora   | <i>Single Gazania</i>            | gP                           | y.     | 1                  | 25             |
| Geranium   | See Pelargonium                  | ..                           | ..     | ..                 | ..             |
| Gilia achillaeifolia   | <i>Milfoil Gilia</i>             | hA                           | b.     | 2                  | 6½             |
| capitata   | <i>Azure Blue do</i>             | ..                           | b&w.   | 1                  | ..             |
| — alba   | <i>White do</i>                  | ..                           | w.     | ..                 | ..             |
| nivalis  | <i>Snow White do</i>             | ..                           | ..     | ..                 | ..             |
| tricolor   | <i>Three Colored do</i>          | ..                           | 3 col. | ..                 | ..             |
| albo cœrulea   | <i>White and Blue do</i>         | ..                           | w&b.   | ..                 | ..             |
| rosea splendens  | <i>Splendid do</i>               | ..                           | ro.    | ..                 | ..             |
| <i>Globe Amaranthus</i>  | See Gomphrena                    | ..                           | ..     | ..                 | ..             |
| <i>Globe Thistle</i>   | Echinops sphærocephalus          | hP                           | r.     | 2                  | ..             |
| Gloxinia pl. fl. in vars   | <i>Finest Mixed Gloxinia</i>     | g.P                          | div.   | 1                  | 25             |
| Godetia  | See Enothera                     | ..                           | ..     | ..                 | ..             |
| Gomphrena globosa  | <i>Globe Amaranthus</i>          | hA                           | p.     | ..                 | 6½             |
| — alba   | <i>White do</i>                  | ..                           | w.     | ..                 | ..             |
| sp. SUPERBA  | <i>Orange Globe do</i>           | hhA                          | o&y.   | 3                  | ..             |
| Gossipium herbaceum  | <i>Cotton</i>                    | tA                           | w.     | ..                 | ..             |
| <i>Gourds*</i>   | See Cucurbita                    | ..                           | ..     | ..                 | ..             |
| Grammanthes gentianoides   | <i>Gentian-like Grammanthes</i>  | hhA                          | s.     | 1½                 | 12½            |
| alba   | <i>White do</i>                  | ..                           | w.     | ..                 | ..             |
| Gymnopsis uniserialis  | <i>Single-serialed Gymnopsis</i> | g.S                          | y.     | 3                  | 25             |
| Gypsophila elegans   | <i>Elegant Gypsophila</i>        | hA                           | w&p.   | 1                  | 12½            |
| <i>Hawkweed</i>  | See Crepis                       | ..                           | ..     | ..                 | ..             |

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|--|-----------------------------------|------------------------------|--------|--------------------|--------|
|  |                                   |                              |        |                    | CTS.   |
| <i>Heartsease</i>  | See <i>Viola</i>                  |                              |        |                    |        |
| <i>Hedysarum coronarium</i> *  | <i>French Honeysuckle</i>         | †hB                          | r.     | 3                  | 6½     |
| — album  | <i>White do</i>                   |                              | w.     | ..                 | ..     |
| <i>Helenium Douglasii</i>  | <i>Sneeze Wort</i>                | hA                           | y.     | 2                  | ..     |
| <i>Helianthus annuus</i>   | <i>Tall Sunflower</i>             | ..                           | ..     | 8                  | ..     |
| nanus  | <i>Dwarf do</i>                   | ..                           | ..     | 2                  | ..     |
| <i>Heliphila araboides</i>   | <i>Arabian Heliphila</i>          | hhA                          | b.     | 12½                | ..     |
| dissecta   | <i>Dissected do</i>               | ..                           | lb     | 1                  | 25     |
| stricta  | <i>Erect do</i>                   | ..                           | b.     | 12½                | ..     |
| trifida  | <i>Trifid do</i>                  | ..                           | p.     | 2                  | ..     |
| <i>Heliotropium grandiflorum</i>   | <i>Great Flowering Heliotrope</i> | gP                           | li.    | ..                 | ..     |
| peruvianum   | <i>Peruvian do</i>                | ..                           | ..     | ..                 | ..     |
| Triumph de Liege   |                                   | ..                           | v.     | 25                 | ..     |
| Voltaireanum   | <i>Voltaire's do</i>              | ..                           | ..     | 12½                | ..     |
| <i>Henbane</i>   | <i>Hyoscyamus niger</i>           | †hP                          | w.&p.  | 1                  | 6½     |
| <i>Hercules' Club</i>  | See <i>Cucurbita</i>              |                              |        |                    |        |
| <i>Hesperis matronalis</i>   | <i>Sweet Rocket</i>               | ..                           | w.&r.  | 2                  | ..     |
| <i>Hibiscus africanus</i>  | <i>African Hibiscus</i>           | hA                           | y.&br. | 14                 | ..     |
| calisurus  | <i>Beautiful do</i>               | ..                           | ..     | 12½                | ..     |
| Richardsonii   | <i>Richardson's do</i>            | ..                           | ..     | ..                 | ..     |
| syriacus   | <i>Althea frutex</i>              | hP                           | div.   | 6                  | 6½     |
| <i>Hollyhock</i>   | See <i>Althea</i>                 |                              |        |                    |        |
| <i>Honesty</i>   | <i>Lunaria biennis</i>            | †hB                          | li.&w. | 2                  | ..     |
| <i>Honeysuckle</i>   | See <i>Hedysarum</i>              |                              |        |                    |        |
| <i>Horn of Plenty</i>  | <i>Fœdia cornucopiæ</i>           | hA                           | r.     | 1                  | ..     |
| <i>Hovea Celsi</i>   | <i>Cel's Hovea</i>                | gP                           | b.     | 6                  | 25     |
| <i>Humea salicifolia</i>   | <i>Willow-leaved Humea</i>        | †hB                          | ro.    | 5                  | 12½    |
| <i>Hyacinth Beans</i> *  | See <i>Dolichos</i>               |                              |        |                    |        |
| <i>Hyacinthus orientalis</i>   | <i>Hyacinth</i>                   | hP                           | div.   | 1                  | 6½     |
| <i>Hymenanthemum tenuifolium</i>   |                                   | gP.                          |        | 25                 | ..     |
| <i>Hymenoxis californica</i>   | <i>Californian Hymenoxis</i>      | hhA                          | y.     | 12½                | ..     |
| <i>Hyoscyamus niger</i>  | <i>Henbane</i>                    | †hP                          | w.&p.  | 6½                 | ..     |
| <i>Iberis amara</i>  | <i>White Candytuft</i>            | hA                           | w.     | ..                 | ..     |
| coronaria  | <i>Rocket do</i>                  | ..                           | ..     | 1                  | ..     |
| odorata  | <i>Fragrant do</i>                | ..                           | ..     | 1                  | ..     |
| rosea  | <i>Rose do</i>                    | ..                           | ro.    | ½                  | ..     |
| speciosa   | <i>Crimson do</i>                 | ..                           | cr.    | ..                 | ..     |
| umbellata  | <i>Purple do</i>                  | ..                           | p.     | ..                 | ..     |
| — nova   | <i>Large Purple do</i>            | ..                           | ..     | ..                 | ..     |
| in vars  | <i>Mixed do</i>                   | ..                           | div.   | ..                 | ..     |
| <i>Ice Plant</i>   | See <i>Mesembryanthemum</i>       |                              |        |                    |        |
| <i>Immortal Flower</i>   | See <i>Elichrysium</i>            |                              |        |                    |        |
| <i>Impatiens glanduligera</i>  | <i>Touch-me-not</i>               | tA                           | r.     | 2½                 | ..     |
| noli-me-tangere  | <i>Yellow do</i>                  | ..                           | y.     | 1                  | ..     |
| <i>Ionopsidium acaule</i>  | <i>Stemless Violet</i>            | ..                           | ..     | 25                 | ..     |
| <i>Ipomea atropurea</i> *  | <i>Dark Purple Ipomea</i>         | hA                           | d. p.  | 10                 | 6½     |
| barbata*   | <i>Bearded do</i>                 | tA                           | p.     | 25                 | ..     |
| bona nox*  | <i>Good Night do</i>              | ..                           | w.     | 12                 | ..     |
| Burridgeii*  | <i>Burridge's do</i>              | hA                           | cr.    | 10                 | 6½     |
| coccinea*  | <i>Scarlet Morning Glory</i>      | ..                           | s.     | ..                 | ..     |
| Dicksoni*  | <i>Mr. Dickson's Ipomea</i>       | ..                           | b.     | ..                 | ..     |
| Ferrandiniana*   | <i>Mr. Ferrand's do</i>           | hhA                          | ..     | 12½                | ..     |
| ficifolia*   | <i>Fig-leaved do (extra)</i>      | gP                           | p.     | 6                  | 25     |
| nil*   | <i>Large Blue Morning Glory</i>   | hA                           | b.     | 10                 | 6½     |
| polyanthes*  | <i>Auricula do</i>                | †gP                          | y.     | 8                  | 25     |
| quamoclit*   | <i>Scarlet Cypress Vine</i>       | tA                           | s.     | 10                 | 6½     |
| — alba   | <i>White do do</i>                | ..                           | w.     | ..                 | ..     |
| rubro cœrulea*   | <i>Sky Blue Ipomea</i>            | ..                           | b.     | 25                 | ..     |
| Siberica*  | <i>Siberian do</i>                | ..                           | flesh. | ..                 | ..     |
| sp. ex. Arabia*  | <i>Arabian do</i>                 | gP                           | v.&y.  | ..                 | ..     |
| sp. quercifolia*   | <i>Oak-leaved do</i>              | ..                           | w.&r.  | ..                 | ..     |
| sp. texana   | <i>Texian do</i>                  | ..                           | gp.    | ..                 | ..     |
| sp. Texas*   | <i>Species from Texas do.</i>     | ..                           | ..     | ..                 | ..     |

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|--|------------------------------------|-------------------------------|--------|--------------------|---------|
| <i>Ipomea tyrianthina</i> *  | <i>Tyrian Purple Ipomea</i>        | gP                            | p.     | 10                 | cts. 25 |
| <i>Ipomopsis elegans</i> (Cantua)  | <i>Elegant Ipomopsis</i>           | tB                            | s.     | 1½                 | 6½      |
| <i>picta</i>   | <i>Painted do</i>                  | ..                            | spot.  | 2                  | ..      |
| <i>aurantiaca</i>  | <i>Orange do</i>                   | ..                            | o.     | ..                 | ..      |
| <i>superba</i>   | <i>Superb do</i>                   | ..                            | s.     | ..                 | ..      |
| <i>Jacob's Ladder</i>  | See Polemonium                     | ..                            | ..     | ..                 | ..      |
| <i>Jacobea</i>   | See Senecio                        | ..                            | ..     | ..                 | ..      |
| <i>Job's Tears</i>   | <i>Coix lachryma Jobii</i>         | hA                            | b.     | ..                 | ..      |
| <i>Kaulfussia amelloides</i>   | <i>Blue Kaulfussia</i>             | ..                            | ..     | ..                 | ..      |
| <i>Kennedy's Marryattæ</i> *   | <i>Marryatt's Kennedy</i>          | gP                            | s.     | 10                 | 25      |
| in vars*   | <i>Fine mixed do</i>               | ..                            | div.   | 6                  | ..      |
| <i>Kite Flower</i>   | <i>Atropa physaloides</i>          | hA                            | p.     | 1                  | 6½      |
| <i>Kochia scoparia</i>   | <i>Summer Cyprus or Belvidere</i>  | ..                            | gn.    | 2                  | ..      |
| <i>Laburnum</i>  | See Citisus                        | ..                            | ..     | ..                 | ..      |
| <i>Larkspur</i>  | See Delphinium                     | ..                            | ..     | ..                 | ..      |
| <i>Lasthenia Californica</i>   | <i>Californian Lasthenia</i>       | ..                            | y.     | 1                  | ..      |
| <i>Lathyrus albus</i> *  | <i>White Sweet Peas</i>            | ..                            | w.     | 4                  | ..      |
| <i>azureus</i> *   | <i>Azure Blue do</i>               | ..                            | b.     | ..                 | ..      |
| <i>coccineus</i> *   | <i>Scarlet do</i>                  | ..                            | s.     | ..                 | ..      |
| — <i>striatus</i> *  | <i>Striped do</i>                  | ..                            | stri.  | ..                 | ..      |
| <i>latifolius</i> *  | <i>Ececlasting do</i>              | hP                            | cr.    | 8                  | ..      |
| — <i>albus</i> *   | <i>White do do</i>                 | ..                            | w.     | ..                 | ..      |
| <i>luteus</i> *  | <i>Yellow do</i>                   | hA                            | y.     | 4                  | ..      |
| <i>magellanicus</i> *  | <i>Lord Anson's do</i>             | hP                            | b.     | 6                  | ..      |
| <i>niger</i> *   | <i>Black do</i>                    | hA                            | blk.   | 4                  | ..      |
| <i>pictus</i> *  | <i>Painted Lady do</i>             | ..                            | ptd.   | ..                 | ..      |
| <i>purpureus</i> *   | <i>Purple do</i>                   | ..                            | p.     | ..                 | ..      |
| <i>tingitanus</i> *  | <i>Tanger do</i>                   | ..                            | cr.    | ..                 | ..      |
| <i>odoratus</i> in vars*   | <i>Mixed do</i>                    | ..                            | div.   | ..                 | ..      |
| <i>Lavatera trimestris</i>   | <i>Red Lavatera</i>                | ..                            | r.     | 2                  | ..      |
| — <i>alba</i>  | <i>White do</i>                    | ..                            | w.     | ..                 | ..      |
| <i>Leptosiphon androsaceus</i>   | <i>Androsacc Leptosiphon</i>       | ..                            | div.   | 1                  | ..      |
| — <i>albus</i>   | <i>White do</i>                    | ..                            | w.     | ..                 | ..      |
| — <i>lilacinus</i>   | <i>Lilac do</i>                    | ..                            | li.    | ..                 | ..      |
| <i>densiflorus</i>   | <i>Dense flowered do</i>           | ..                            | p.     | 2                  | ..      |
| <i>Leucadendron argenteum</i>  | <i>Silver Tree</i>                 | gS                            | y.     | 8                  | 25      |
| <i>Leuceria senecioides</i>  | <i>Groundsel Leuceria</i>          | hA                            | w.     | 1                  | 6½      |
| <i>Leycesteria formosa</i>   | <i>Beautiful Leycesteria</i>       | hP                            | w&p.   | 4                  | ..      |
| <i>Liatris spicata</i>   | <i>Spiked Liatris</i>              | ..                            | p.     | ..                 | ..      |
| <i>Limnanthus Douglasii</i>  | <i>Douglass' Limnanthus</i>        | hA                            | w&y.   | 4                  | ..      |
| — <i>alba</i>  | <i>White do</i>                    | ..                            | w.     | 12½                | ..      |
| — <i>rosea</i>   | <i>Rose-colored do</i>             | ..                            | ro.    | ..                 | ..      |
| <i>grandiflora</i>   | <i>Large flowered do</i>           | ..                            | w&y.   | ..                 | 6½      |
| <i>splendens</i>   | <i>Spendid do</i>                  | ..                            | ..     | ..                 | ..      |
| <i>Linaria triornithophora</i>   | <i>Three-birds-bearing Linaria</i> | gP                            | p.     | 1                  | 25      |
| <i>Lindheimeria texana</i>   | <i>Texian Lindheimeria</i>         | hA                            | y.     | 2                  | ..      |
| LINUM GRANDIFLORUM KER-  |                                    |                               |        |                    |         |
| MESINUM  | <i>Splendid Crimson Flax</i>       | thP                           | cr.    | ..                 | ..      |
| <i>flavum</i>  | <i>Yellow Flax</i>                 | ..                            | y.     | ..                 | ..      |
| LEWISII VARIEGATA  | <i>Variegated do</i>               | ..                            | ..     | ..                 | 50      |
| <i>perenne</i>   | <i>Perennial do</i>                | hP                            | p.     | ..                 | 6½      |
| <i>Lisianthus nigricans</i>  | <i>Dark Lisianthus</i>             | gA                            | d. p.  | 3                  | 25      |
| <i>Ruselianus</i>  | <i>Bedford's do</i>                | ..                            | or.    | ..                 | ..      |
| <i>Loasa aurantiaca</i> or <i>lateritia</i> *  | <i>Orange Loasa</i>                | thhP                          | p.     | 8                  | 6½      |
| <i>contorta</i> *  | <i>Twisted do</i>                  | ..                            | ..     | ..                 | 12½     |
| <i>Herberti</i> *  | <i>Herbert's do</i>                | ..                            | s.     | ..                 | ..      |
| <i>pentlandica</i> *   | <i>Pentland's do</i>               | ..                            | ..     | ..                 | ..      |
| <i>tricolor</i> *  | <i>Three-colored do</i>            | hA                            | 3 col. | 2                  | ..      |
| <i>Lobelia cardinalis</i>  | <i>Cardinal Flower</i>             | hP                            | s.     | ..                 | 6½      |
| <i>gracilis</i> *  | <i>Graceful Lobelia</i>            | tA                            | b.     | trai.              | 12½     |
| — <i>alba</i> *  | <i>White do</i>                    | ..                            | w.     | ..                 | ..      |
| — ROSEA  | <i>Rose do</i>                     | ..                            | ro.    | ..                 | 25      |
| <i>ramosa</i>  | <i>Branching do</i>                | tgP                           | b&w.   | 1                  | 12½     |

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|--|---------------------------------|-------------------------------|--------|--------------------|---------|
| LOBELIA ROMOSA ROSEA   | Rose Branching Lobelia          | tgP                           | ro.    | 1                  | cts. 25 |
| siphilitica  | Large Blue do                   | hP                            | b.     | ..                 | 6½      |
| London Pride   | Dianthus deltoides              | thP                           | l. r.  | 2                  | ..      |
| Lopesia coronata*  | Crowned Lopesia                 | hA                            | r.     | 4                  | 12½     |
| racemosa*  | Red do                          | ..                            | ..     | ..                 | ..      |
| Lophospermum atrosanguineum*   | Dark Red Lophospermum           | tgP                           | d. r.  | 10                 | ..      |
| erubescens*  | Blush do                        | ..                            | flesh. | ..                 | ..      |
| Hendersoni*  | Henderson's do                  | gP                            | d. ro. | 8                  | 25      |
| Rhodochiton*   | Rhodociton's do                 | tgP                           | p      | 10                 | 12½     |
| in vars  | Mixed do                        | ..                            | div.   | ..                 | ..      |
| Lotus Jacobeus   | St. James' Lotus                | gA                            | d. br. | 1                  | ..      |
| tetragonolobus   | Winged Peas                     | hA                            | y.     | ..                 | 6½      |
| Love Grass   | See Eragrostis                  | ..                            | ..     | ..                 | ..      |
| Love Grove   | See Nemophila                   | ..                            | ..     | ..                 | ..      |
| Love-lies-bleeding   | See Amaranthus                  | ..                            | ..     | ..                 | ..      |
| Love in a mist   | See Nigella                     | ..                            | ..     | ..                 | ..      |
| Lunaria biennis  | Honesty or Satin Flower         | thB                           | li.&w  | 2                  | ..      |
| Lupinus affinis  | Related Lupins                  | hA                            | b.&w.  | 1                  | ..      |
| albus  | White do                        | ..                            | w.     | 2                  | ..      |
| bicolor  | Two-colored do                  | ..                            | b.&w.  | ..                 | ..      |
| californicus   | Californian do                  | thP                           | b.     | ..                 | ..      |
| guatemalensis  | Guatemala do                    | ..                            | d. v.  | ..                 | ..      |
| Hartwegii  | Hartwig's do                    | hA                            | b.&pk. | ..                 | ..      |
| hirsutus   | Large Blue do                   | ..                            | b.     | ..                 | ..      |
| luteus   | Yellow do                       | ..                            | y.     | ..                 | ..      |
| — stramineus   | Straw-colored do                | ..                            | stra.  | ..                 | ..      |
| mutabilis  | Changeable do                   | ..                            | var.   | 3                  | ..      |
| — cruckshankii   | Cruckshank's do                 | ..                            | ..     | ..                 | ..      |
| nanus  | Dwarf do                        | ..                            | va. b  | 1                  | ..      |
| pilosus  | Large Rose do                   | ..                            | ro.    | 2                  | ..      |
| polyphyllus  | Columbian Blue do               | thP                           | b.     | ..                 | ..      |
| — albus  | White do do                     | ..                            | w.     | ..                 | ..      |
| rivularis  | Spotted do                      | ..                            | spot.  | ..                 | ..      |
| tricolor   | Three-colored do                | ..                            | 3 col. | ..                 | ..      |
| Lychnis corsica  | Corsican Lychnis                | ..                            | r.     | 1                  | ..      |
| chalcadonica   | Scarlet do                      | ..                            | s.     | 3                  | ..      |
| — alba   | White do                        | ..                            | w.     | ..                 | ..      |
| flos—Jovis   | Jove's flower                   | hP                            | cr.    | 1½                 | ..      |
| fulgens  | Fiery Lychnis                   | tP                            | s.     | 1                  | ..      |
| Madagascar Periwinkle  | See Vinca                       | ..                            | ..     | ..                 | ..      |
| Madia elegans  | Elegant Madia                   | hA                            | y.     | 2                  | ..      |
| Maiden Pink  | Dianthus deltoides              | thP                           | l. r.  | 2                  | ..      |
| Malampodium macranthum   | Large flowered Malampodium      | hhA                           | v.     | 2                  | 25      |
| Malcomia maritima  | Virginian Stock                 | hA                            | li     | ½                  | 6½      |
| — alba   | White do do                     | ..                            | w.     | ..                 | ..      |
| Mallow (Marsh)   | Malva crispa                    | ..                            | r.     | 2                  | ..      |
| Malope grandiflora   | Large flowered Malope           | ..                            | ..     | ..                 | ..      |
| alba   | White do                        | ..                            | w.     | ..                 | ..      |
| Malva crispa   | Marsh Mallow                    | ..                            | r.     | ..                 | ..      |
| Marigold   | See Tagetes                     | ..                            | ..     | ..                 | ..      |
| Martynia angularis   | Angular Martynia                | hhA                           | r.     | 1                  | ..      |
| craniolaria  | White flowered do               | ..                            | w.     | 1½                 | ..      |
| fragrans   | Sweet do                        | ..                            | d. p.  | 3                  | ..      |
| lutea  | Yellow do                       | ..                            | y.     | ..                 | ..      |
| proboscidea  | Proboscis flower                | ..                            | l. b.  | ..                 | ..      |
| Marvel of Peru   | See Mirabilis                   | ..                            | ..     | ..                 | ..      |
| Mathiola annua densiflora  | Mixed Ger. 10 weeks Stock Gilly | ..                            | div.   | 1                  | 12½     |
| — variabilis   | Variable German do do           | ..                            | ..     | ..                 | ..      |
| — grandiflora  | Large flowered do do            | ..                            | ..     | ..                 | ..      |
| — nana pl. in vars   | German Dwarf do do              | ..                            | ..     | ½                  | ..      |
| cherifolia (glabrata)  | Wall flower leaved do do        | ..                            | ..     | 1                  | 6½      |
| — fl. pl.  | Finest Ger. do do do do         | hhA                           | div.   | 1                  | 12½     |



| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in CAPITALS. |                                       | Hardness<br>and<br>Duration | Color. | Height in<br>feet. | Price.<br>cts.   |
|--|---------------------------------------|-----------------------------|--------|--------------------|------------------|
| <i>Mathiola cherifolia</i> alba  | <i>White wall fl. led. Stk. Gills</i> | hhA                         | w.     | 1                  | 6 $\frac{1}{2}$  |
| incana coccinea  | <i>Scarlet Queen's</i> do             | †tB                         | s.     | 1 $\frac{1}{2}$    | ..               |
| pl. in vars  | <i>Mixed Dblc. do</i> do              | ..                          | div.   | ..                 | ..               |
| —semperflorens   | <i>Imperial Queens</i> do             | ..                          | ..     | ..                 | 12 $\frac{1}{2}$ |
| intermedia pl. in vars   | <i>Mixed Intermediate</i> do          | tA                          | ..     | 1                  | ..               |
| ramosa pl. in vars   | <i>Mixed English 10 weeks</i> do      | hhA                         | ..     | ..                 | 6 $\frac{1}{2}$  |
| —alba  | <i>White do do</i> do                 | ..                          | w.     | ..                 | ..               |
| —coccinea  | <i>Scarlet do do</i> do               | ..                          | s.     | ..                 | ..               |
| —purpurea  | <i>Purple do do</i> do                | ..                          | p.     | ..                 | ..               |
| semplicicaulis alba  | <i>White Brompton</i> do              | †tB                         | w.     | ..                 | ..               |
| —coccinea  | <i>Scarlet do</i> do                  | ..                          | s.     | ..                 | ..               |
| —purpurea  | <i>Purple do</i> do                   | ..                          | p.     | ..                 | ..               |
| —in vars   | <i>Mixed do</i> do                    | ..                          | div.   | ..                 | ..               |
| — — —  | <i>Finest mixed Winter</i> do         | ..                          | ..     | ..                 | 12 $\frac{1}{2}$ |
| <i>Maurandia antirrhiniflora</i> *   | <i>Snapdragon Maurandia</i>           | †gP                         | p.     | 6                  | ..               |
| Barclayana*  | <i>Barclay's</i> do                   | ..                          | b&w.   | ..                 | ..               |
| —alba*   | <i>White do</i> do                    | ..                          | w.     | ..                 | ..               |
| —rosea*  | <i>Rose do</i> do                     | ..                          | ro.    | ..                 | ..               |
| coccinea*  | <i>Scarlet do</i> do                  | ..                          | s.     | ..                 | ..               |
| semperflorens*   | <i>Everflowering do</i>               | ..                          | li.    | ..                 | ..               |
| in vars  | <i>Mixed do</i> do                    | ..                          | div.   | ..                 | ..               |
| <i>Medicago circinnata</i>   | <i>Caterpillars</i>                   | hA                          | pk.    | trai.              | 6 $\frac{1}{2}$  |
| <i>Mesembryanthemum chrystalinum</i>   | <i>Ice Plant</i>                      | tA                          | w.     | 1 $\frac{1}{2}$    | ..               |
| glabrum  | <i>Red do or Dew Plant</i>            | ..                          | r.     | ..                 | ..               |
| tricolorum   | <i>Three colored do</i>               | ..                          | 3 col. | ..                 | ..               |
| —album   | <i>White do</i>                       | ..                          | w.     | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$ |
| <i>Mexican Poppy</i>   | <i>Argemone grandiflora</i>           | hA                          | y.     | 2                  | 6 $\frac{1}{2}$  |
| <i>Mignonette</i>  | <i>See Reseda</i>                     | ..                          | ..     | ..                 | ..               |
| <i>Mimosa marginata</i>  | <i>Bordered Mimosa</i>                | †gP                         | pk.    | 3                  | 12 $\frac{1}{2}$ |
| sensitiva  | <i>Sensitive Plant</i>                | ..                          | ..     | 1                  | 6 $\frac{1}{2}$  |
| <i>Mimulus cardinalis</i>  | <i>Monkey Flower</i>                  | ..                          | s.     | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$ |
| moschatus  | <i>Musk Plant</i>                     | ..                          | y.     | ..                 | ..               |
| pl. fl., in vars   | <i>Mixed Mimulus</i>                  | ..                          | div.   | div.               | ..               |
| <i>Mirabilis jalapa</i>  | <i>Marvel of Peru</i>                 | hA                          | ..     | 2                  | 6 $\frac{1}{2}$  |
| longiflora   | <i>Long Tubed do</i>                  | ..                          | w.     | ..                 | ..               |
| HYBRIDA NOVA   | <i>New Hybrid do</i>                  | ..                          | div.   | ..                 | 12 $\frac{1}{2}$ |
| <i>Mock Orange</i> *   | <i>See Cucurbita</i>                  | ..                          | ..     | ..                 | ..               |
| <i>Momordica Balsamina</i> *   | <i>Balsam Apple</i>                   | hhA                         | y.     | 10                 | 6 $\frac{1}{2}$  |
| charantia*   | <i>Balsam Pear</i>                    | ..                          | ..     | ..                 | ..               |
| clatericum*  | <i>Squirting Cucumber</i>             | ..                          | ..     | trai.              | ..               |
| <i>Monkey Flower</i>   | <i>Mimulus Cardinalis</i>             | gP                          | s.     | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$ |
| <i>Monkshood</i>   | <i>See Aconitum</i>                   | ..                          | ..     | ..                 | ..               |
| <i>Monolopia Californica</i>   | ..                                    | ..                          | ..     | ..                 | 25               |
| <i>Morning Glory</i> *   | <i>See Convolvulus</i>                | ..                          | ..     | ..                 | ..               |
| <i>Mourning Bride</i>  | <i>See Scabiosa</i>                   | ..                          | ..     | ..                 | ..               |
| <i>Musk Plant</i>  | <i>Mimulus Moschatus</i>              | gP                          | y.     | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$ |
| <i>Myosotis alpestris</i>  | <i>Alpine Forget-me-not</i>           | †hhP                        | b.     | trai.              | ..               |
| — alba   | <i>White do</i>                       | †hP                         | w.     | ..                 | ..               |
| arvensis   | <i>Field do</i>                       | ..                          | ..     | ..                 | ..               |
| AZORICA  | <i>Azorean do</i>                     | ..                          | d. b.  | ..                 | ..               |
| palustris  | <i>True do</i>                        | ..                          | b.&w.  | ..                 | ..               |
| <i>Myrtus angustifolius</i>  | <i>Narrow Leaved Myrtle</i>           | gP                          | ..     | 3                  | 6 $\frac{1}{2}$  |
| communis   | <i>Broad do do</i>                    | ..                          | ..     | ..                 | ..               |
| <i>Nasturtion</i> *  | <i>See Tropaeolum</i>                 | ..                          | ..     | ..                 | ..               |
| <i>Nemesia floribunda</i>  | <i>Branch Flowered Nemesia</i>        | tA                          | w.&y.  | 1 $\frac{1}{2}$    | ..               |
| <i>Nemophila atomaria</i>  | <i>White Spotted Love Grace</i>       | ..                          | w. sp. | ..                 | ..               |
| —celestris   | <i>Blue do do</i>                     | ..                          | b. sp. | ..                 | ..               |
| aurita   | <i>Ear Leaved do</i>                  | ..                          | p.     | 1                  | ..               |
| discoidalis  | <i>Margined do</i>                    | ..                          | blk.   | ..                 | ..               |
| insignis   | <i>Beautiful do</i>                   | ..                          | b.     | ..                 | ..               |
| —alba  | <i>White do</i>                       | ..                          | w.     | ..                 | ..               |
| —grandiflora   | <i>Great Flowered do</i>              | ..                          | b.     | ..                 | ..               |

| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in CAPITALS. |                                    | Hardiness<br>and<br>Duration. | Color. | Height in<br>Feet. | Price.               |
|--|------------------------------------|-------------------------------|--------|--------------------|----------------------|
| <i>Nemophila striata</i>   | <i>Striped Love Grass</i>          | tA                            | stri.  | 6                  | 6 $\frac{1}{2}$ cts. |
| maculata   | <i>Showy do</i>                    | ..                            | spot.  | ..                 | ..                   |
| OCULATA ALBA   | <i>Purple-eyed do</i>              | ..                            | w.&p.  | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$     |
| punctata   | <i>Spotted do</i>                  | ..                            | spot.  | 1 $\frac{1}{2}$    | 6 $\frac{1}{2}$      |
| in vars  | <i>Mixed do</i>                    | ..                            | div.   | ..                 | ..                   |
| <i>Nerium Oleander</i>   | <i>Oleander</i>                    | gP                            | ro.    | 4                  | 12 $\frac{1}{2}$     |
| <i>Nicotiana odorata</i>   | <i>Sweet Scented Tobacco</i>       | tA                            | w.     | 3                  | 6 $\frac{1}{2}$      |
| <i>Nierembergia Blockii</i>  | <i>Blocks' Nierembergia</i>        | gP                            | div.   | 1                  | 12 $\frac{1}{2}$     |
| intermedia   | <i>Intermediate do</i>             | ..                            | ..     | ..                 | 25                   |
| GRACILIS   | <i>Graceful do</i>                 | ..                            | w.&l.  | 1 $\frac{1}{2}$    | ..                   |
| <i>Nigella damascena</i>   | <i>Love-in-a-Mist</i>              | hA                            | b.     | 1                  | 6 $\frac{1}{2}$      |
| —nana  | <i>Dwarf do</i>                    | ..                            | ..     | ..                 | ..                   |
| hispanica  | <i>Spanish do</i>                  | ..                            | ..     | 1                  | ..                   |
| <i>Nolana atriplicifolia</i>   | <i>Spinach Nolana</i>              | ..                            | b.w.y. | ..                 | ..                   |
| —alba  | <i>White do</i>                    | hA                            | w.     | 1                  | ..                   |
| prostrata  | <i>Procumbent do</i>               | ..                            | trai.  | ..                 | ..                   |
| <i>Nonca rosea</i>   | <i>Rose Nonca</i>                  | ..                            | ro.    | 1 $\frac{1}{2}$    | 12 $\frac{1}{2}$     |
| <i>Oenothera Drummondii</i>  | <i>Drummond's Evening Primrose</i> | +tP                           | y.     | 1                  | 6 $\frac{1}{2}$      |
| grandiflora  | <i>Great Flowering do</i>          | +hP                           | ..     | 2                  | ..                   |
| Lindleyana   | <i>Lindley's do</i>                | tA                            | p.     | 1                  | ..                   |
| macrocarpa   | <i>Fruited do</i>                  | +tP                           | y.     | 2                  | ..                   |
| nocturna   | <i>Night do</i>                    | tA                            | w.     | 1                  | ..                   |
| purpurea   | <i>Purple do</i>                   | ..                            | p.     | ..                 | ..                   |
| Romanzovii   | <i>Romonsov's do</i>               | hA                            | ..     | ..                 | ..                   |
| rosea  | <i>Rose do</i>                     | +hP                           | ro.    | ..                 | ..                   |
| —alba  | <i>Rose and white do</i>           | ..                            | ro.&w  | ..                 | ..                   |
| tenella  | <i>Slender do</i>                  | hA                            | p.     | ..                 | ..                   |
| tetraptera   | <i>Winged do</i>                   | ..                            | w.     | ..                 | ..                   |
| Willdenovii  | <i>Willdenoex do</i>               | ..                            | ..     | ..                 | ..                   |
| in vars  | <i>Mixed do</i>                    | ..                            | div.   | ..                 | ..                   |
| <i>Oleander</i>  | <i>Nerium</i>                      | gP                            | ro.    | 4                  | 12 $\frac{1}{2}$     |
| <i>Oxyura chrysanthemoides</i>   | <i>Artemisia Oxyura</i>            | hA                            | y.&w.  | 1                  | 6 $\frac{1}{2}$      |
| <i>Pansy</i>   | <i>See Viola Tricolor</i>          | ..                            | ..     | ..                 | ..                   |
| <i>Papaver album fl. pl</i>  | <i>White Double Poppy</i>          | hA                            | w.     | 1                  | ..                   |
| bichon   | <i>Lap Dog Poppy</i>               | ..                            | va.    | ..                 | ..                   |
| bracteatum   | <i>Bracteate do</i>                | +hP                           | r.     | 2                  | ..                   |
| coccineum  | <i>Scarlet do</i>                  | hA                            | s.     | 1                  | ..                   |
| fimbriatum   | <i>Fringed do</i>                  | ..                            | div.   | ..                 | ..                   |
| hybridum, in vars  | <i>Fine Hybrid do</i>              | ..                            | ..     | ..                 | ..                   |
| orientale  | <i>Eastern do</i>                  | hP                            | r.&w.  | 2                  | ..                   |
| pæoniæflorum   | <i>Pansy Flowered do</i>           | hA                            | div.   | 1                  | ..                   |
| suberbum, in vars  | <i>Superb Mixed do</i>             | ..                            | ..     | ..                 | ..                   |
| somniferum, in vars  | <i>Mixed German do</i>             | ..                            | ..     | 1 $\frac{1}{2}$    | ..                   |
| <i>Passiflora edulis</i>   | <i>Fruited Passion Flower</i>      | gP                            | b.     | 10                 | 12 $\frac{1}{2}$     |
| incarnata  | <i>Fresh Colored do</i>            | ..                            | p.&r.  | ..                 | ..                   |
| in vars  | <i>Mixed do</i>                    | ..                            | div.   | ..                 | ..                   |
| <i>Passiflora</i>  | <i>Anemone pulsatilla</i>          | hP                            | v.     | 1 $\frac{1}{2}$    | 6 $\frac{1}{2}$      |
| <i>Passion Flower</i>  | <i>See Passiflora</i>              | ..                            | ..     | ..                 | ..                   |
| <i>Peas (Sweet)</i>  | <i>See Lathyrus</i>                | ..                            | ..     | ..                 | ..                   |
| <i>Pelargonium album</i>   | <i>White Geranium</i>              | gP                            | div.   | 1 $\frac{1}{2}$    | 25                   |
| nanum  | <i>Dwarf, (Tom Thumb, &amp;c-)</i> | ..                            | s.     | ..                 | ..                   |
| hybridum, in vars  | <i>Finest Mixed Geranium</i>       | ..                            | div.   | 1 $\frac{1}{2}$    | ..                   |
| <i>Pennisetum setosum</i>  | <i>Bristly Pennisetum</i>          | hA                            | ap.    | 2                  | 12 $\frac{1}{2}$     |
| <i>Pentapetes phœnicea</i>   | <i>Scarlet Pentapetes</i>          | gP                            | s.     | ..                 | 6 $\frac{1}{2}$      |
| <i>Penstemon (Chelone) campanulatus</i>  | <i>Bell Flowered Penstemon</i>     | +hP                           | div.   | 2                  | 12 $\frac{1}{2}$     |
| digitalis  | <i>Fox Glove do</i>                | ..                            | va.    | ..                 | ..                   |
| pulchella pl., in vars   | <i>Pretty Mixed do</i>             | ..                            | div.   | ..                 | ..                   |
| roseum   | <i>Rose do</i>                     | ..                            | ro.    | ..                 | ..                   |
| speciosum  | <i>Showy do</i>                    | ..                            | l. b.  | ..                 | ..                   |
| <i>Perennial Flax</i>  | <i>Linum perenne</i>               | ..                            | p.     | ..                 | 6 $\frac{1}{2}$      |
| <i>Periwinkle</i>  | <i>See Vinca</i>                   | ..                            | ..     | ..                 | ..                   |
| <i>PERILLA NANKINENSIS</i>   | <i>Nankin Perilla</i>              | hha                           | ..     | ..                 | 25                   |

| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in capitals. |   | Hardness<br>and<br>Duration. | Color.   | Height in<br>feet. | Price.<br>CTS. |
|--|---|------------------------------|----------|--------------------|----------------|
| <i>Persicaria</i>  | See Polygonium                          |                              |          |                    |                |
| <i>Petunia</i> Blockii   | <i>Block's Petunia</i>                  | gP                           | div.     | 1                  | 12½            |
| nyctaginiflora   | <i>Large Flowering do</i>               | thP                          | w.       | 2                  | 6½             |
| phœnicia   | <i>Purple do</i>                        |                              | p.       |                    |                |
| in vars  | <i>Mixed do</i>                         |                              | div.     |                    |                |
|  | <i>Finest Mixed do</i>                  |                              |          |                    | 25             |
| <i>Phacelia</i> Californica  | <i>Californian Phacelia</i>             |                              |          |                    | 6½             |
| <i>Phaseolus</i> multiflorus*  | <i>Scarlet Running Beans</i>            | hA                           | s.       | 12                 |                |
| —albus   | <i>White do do</i>                      |                              | w.       |                    |                |
| <i>Picotee</i>   | See Dianthus                            |                              |          |                    |                |
| <i>Phlox</i> Drummondii  | <i>Drummond's Phlox</i>                 | hhA                          | div.     | 1                  |                |
| —alba  | <i>White do do</i>                      |                              | w.       | 1½                 | 12½            |
| Leopoldina   | <i>Leopold's do</i>                     | hhA                          | c & w.   | 1                  |                |
| oculata alba   | <i>Eyed do</i>                          |                              | l & w.   |                    |                |
| QUEEN VICTORIA   | <i>Victoria do</i>                      |                              | p & w.   |                    |                |
| hybrida superba  | <i>Hybrid Perennial do</i>              | thP                          | div.     | 2                  | 25             |
| <i>Pimpernel</i>   | See Anagallis                           |                              |          |                    |                |
| <i>Pink</i>  | See Dianthus                            |                              |          |                    |                |
| <i>Platystemon</i> Californicus  | <i>Californian Poppy</i>                | hA                           | y.       | 1                  | 6½             |
| PODOLEPSIS CHRYSANTHA*   | <i>Yellow Podolepsis</i>                | hhA                          | ..       |                    | 12½            |
| gracilis*  | <i>Graceful do</i>                      |                              | pk.      |                    | 6½             |
| <i>Podotheca</i> capitata  | <i>Head Podotheca</i>                   |                              |          | 1½                 |                |
| <i>Poetic Daisy</i>  | <i>Bellis perennis</i>                  | thP                          | div.     |                    |                |
| <i>Polemonium</i> coeruleum  | <i>Jacob's Ladder</i>                   | hP                           | b.       |                    |                |
| —album   | <i>White do</i>                         |                              | w.       |                    |                |
| <i>Polyanthus</i>  | See <i>Primula elatior polyantha</i>    |                              |          |                    |                |
| <i>Polygonium</i> orientale  | <i>Persicaria</i>                       | hA                           | r.       | 3                  |                |
| —album   | <i>White do</i>                         |                              | w.       |                    |                |
| <i>Pomegranate</i> Melon*  | <i>Cucumis odoratissimus</i>            | tA                           | y.       | traï.              |                |
| <i>Poppy</i>   | See Papaver                             |                              |          |                    |                |
| <i>Portulaca</i> albiflora   | <i>Pure White Portulaca</i>             | hA                           | w.       | ½                  |                |
| alba striata   | <i>White Striped do</i>                 |                              | stri.    |                    |                |
| AURANTIACA NOVA  | <i>New Orange do</i>                    |                              | o.       |                    | 12½            |
| ROSEA NOVA   | <i>Rose do</i>                          |                              | or.      |                    | 6½             |
| splendens  | <i>Purple do</i>                        |                              | p.       |                    |                |
| Thellusonii  | <i>Scarlet do</i>                       |                              | s.       |                    |                |
| Thorburnii   | <i>Yellow do</i>                        |                              | y.       |                    |                |
| in vars  | <i>Mixed do</i>                         |                              | div.     |                    |                |
| <i>Potentilla</i> mackayana  | <i>Mr. Mackay's Potentilla</i>          | thP                          | var.     | 1                  | 12½            |
| perennans  | <i>Mixed do</i>                         |                              | div.     | 1½                 | 6½             |
| <i>Primrose</i>  | See <i>Primula</i> and <i>Oenothera</i> |                              |          |                    |                |
| <i>Primula</i> auricula  | <i>Auricula</i>                         | tP                           |          | ¾                  |                |
| —(fine)  | <i>Finest do</i>                        |                              |          |                    | 25             |
| cortusoides  | <i>Cortusia Primula</i>                 | thP                          | ro.      |                    | 6½             |
| elatior polyantha  | <i>Polyanthus</i>                       | thP                          | div.     | ½                  |                |
| —(fine)  | <i>Finest do</i>                        |                              |          |                    | 25             |
| sinensis (prænitens)   | <i>Chinese Primrose</i>                 | tgP                          | p.       |                    |                |
| —alba  | <i>White do</i>                         |                              | w.       |                    |                |
| in vars  | <i>Mixed do</i>                         |                              | div.     |                    |                |
| fimbriata  | <i>Fringed do</i>                       |                              | p.       |                    |                |
| —alba  | <i>White do do</i>                      |                              | w.       |                    |                |
| —in vars   | <i>Mixed do do</i>                      |                              | div.     |                    |                |
| veris  | <i>Cowslip</i>                          | thP                          |          | ¾                  | 6½             |
| vulgaris   | <i>Poetic Primrose</i>                  |                              | y.       |                    |                |
| <i>Prince's Feather</i>  | <i>Amaranthus hypochondriacus</i>       | hA                           | cr.      | 3                  |                |
| <i>Prismatocarpus</i>  | See <i>Campanula speculum</i>           |                              |          |                    |                |
| <i>Proboscis Flower</i>  | See <i>Martynia</i>                     |                              |          |                    |                |
| <i>Pyramidal Bell Flower</i>   | <i>Campanula pyramidalis</i>            | hP                           | l. b.    | 4                  |                |
| <i>Quaking Grass</i>   | <i>Briza Maxima</i>                     | hA                           | gn.      | 1½                 |                |
| <i>Reseda</i> alba   | <i>Upright Mignonette</i>               |                              | w.       |                    |                |
| adorata major  | <i>New large-flowered do</i>            |                              | bff.     | 1½                 |                |
| odorata  | <i>Sweet do</i>                         |                              | w & bff. |                    |                |
| <i>Rhodanthe</i> Manglesii   | <i>Mangle's Rodanthe</i>                | tA                           | ro.      | 1                  | 12½            |

| Scientific names in Roman.<br>Common names in <i>Italics</i> .<br>New varieties in CAPITALS. |                                | Hardiness<br>and<br>Duration. | Color     | Height in<br>feet. | Price. |
|--|--------------------------------|-------------------------------|-----------|--------------------|--------|
|  |                                |                               |           |                    | cts.   |
| <i>Rose of Heaven</i>  | See Viscaria                   |                               |           |                    |        |
| <i>Rose Campion</i>  | See Agrostemma                 |                               |           |                    |        |
| <i>Rose of Sharon</i>  | <i>Hibiscus syriacus</i>       | hP                            | div.      | 6                  | 6½     |
| <i>Rudbeckia bicolor</i>   | <i>Two-colored Rudbeckia</i>   | thP                           |           | 3                  | 12½    |
| fulgida  | <i>Glowing do</i>              |                               | y.        |                    |        |
| in vars  | <i>Fine mixed do</i>           |                               | div.      |                    |        |
| <i>Running Beans</i>   | See Phaseolus and Dolichos     |                               |           |                    |        |
| <i>Sage</i>  | See Salvia                     |                               |           |                    |        |
| <i>Saffron</i>   | <i>Carthamnus tinctoria</i>    | hA                            | o.        | 2                  | 6½     |
| <i>Salpiglossis grandiflora</i>  | <i>Large Blue Salpiglossis</i> | hhA                           | b.        | 1½                 | 25     |
| SINUATA COCCINEA   | <i>New Scarlet do</i>          | thhB                          | s.        |                    |        |
| splendens  | <i>Splendid do</i>             | hhA                           | y.        |                    | 12½    |
| straminea  | <i>Straw colored do</i>        |                               | stra.     |                    |        |
| in vars  | <i>Mixed do</i>                |                               | div.      |                    |        |
| — (fine)   | FINEST MIXED NEW DO            |                               |           |                    | 25     |
| <i>Salvia amabilis</i>   | <i>Beautiful Salvia</i>        |                               |           |                    |        |
| bicolor  | <i>Two-colored do</i>          | ttP                           | r. & w.   |                    |        |
| bracteata  | <i>Bracteated do</i>           |                               |           |                    |        |
| coccinea   | <i>Scarlet do</i>              | ttP                           | s.        |                    |        |
| hominum  | <i>Purple Clary</i>            | hA                            | p.        | 1                  | 6½     |
| — rubra  | <i>Red do</i>                  |                               | r.        |                    |        |
| lorianum   |                                |                               |           |                    | 25     |
| sibthorpii   | <i>Sibthorpe's salvia</i>      |                               |           |                    |        |
| patens   | <i>Splendid Blue do</i>        | ttP                           | b.        | 3                  |        |
| — alba   | <i>White do</i>                |                               | w.        |                    |        |
| pratensis  | <i>Meadow do</i>               |                               | v.        | 1                  |        |
| <i>Sanvitalia procumbens</i>   | <i>Trailing Sanvitalia</i>     | hA                            | y.        | trail.             | 6½     |
| <i>Saponaria calabrica*</i>  | <i>Soap-wort</i>               |                               | r.        |                    | 12½    |
| <i>Satin flower</i>  | <i>Lunaria biennis</i>         | thB                           | li. & w.  | 2                  | 6½     |
| <i>Scabiosa atropurpurea</i>   | <i>Mourning Bride</i>          | thP                           | p.        |                    |        |
| caucasea   | <i>Caucasian Scabious</i>      |                               | b.        |                    |        |
| stellata   | <i>Starry do</i>               |                               |           |                    |        |
| variegata  | <i>Variegated do</i>           |                               | var.      |                    |        |
| fl. pl. in vars  | <i>Finest Mixed do</i>         |                               | div.      |                    | 12½    |
| <i>Schizanthus albus</i>   | <i>White Schizanthus</i>       | hhA                           | w.        |                    | 6½     |
| gracilis   | <i>Lilac do</i>                |                               | li.       | 1½                 | 12½    |
| Grahamii   | <i>Graham's do</i>             |                               | s. & o.   | 2                  | 6½     |
| Hookerii   | <i>Hooker's do</i>             |                               | va.       |                    |        |
| humilis  | <i>Dwarf do</i>                |                               | li. & cr. | 1                  |        |
| pinnatus   | <i>Wing Leaved do</i>          |                               | l. p. y   | 1½                 |        |
| pulchellus   | <i>Pretty do</i>               |                               | w. & p    | 2                  |        |
| retusus  | <i>Blunt Leaved do</i>         |                               | r. & o.   |                    | 12½    |
| — albus  | <i>White do</i>                |                               | w.        |                    |        |
| porrigens  | <i>Showy do</i>                |                               | va.       |                    | 6½     |
| Priestii   | <i>Priest's do</i>             |                               | w.        |                    |        |
| splendens  | <i>Splendid do</i>             |                               | ro.       |                    |        |
| venustus   | <i>Beautiful do</i>            |                               | d. p. y   |                    |        |
| in vars  | <i>Mixed do</i>                |                               | div.      |                    |        |
| <i>Schizopetalon Walkeri</i>   | <i>Walker's Schizopetalon</i>  |                               |           |                    | 12½    |
| <i>Scorzonera tingitana</i>  | <i>Tangier Scorzonera</i>      | hA                            | b.        |                    | 6½     |
| <i>Scotch Broom</i>  | <i>Cytisus scoparius</i>       | hP                            | y.        | 3                  |        |
| <i>Sedum coeruleum</i>   | <i>Stone Crop</i>              | tA                            |           |                    | 12½    |
| <i>Senecio elegans fl. pl. in vars</i>   | <i>Double Mixed Jacobea</i>    | hA                            | div.      | 1½                 | 6½     |
| atrocinerea  | <i>Dark grey do</i>            |                               | d. gr.    |                    |        |
| alba   | <i>White do</i>                |                               | w.        |                    |        |
| hermesina  | <i>Crimson do</i>              |                               | c         |                    |        |
| moricolor  | <i>Mulberry do</i>             |                               | mul.      |                    |        |
| purpurea   | <i>Purple do</i>               |                               | p.        |                    |        |
| <i>Sensitive Plant</i>   | <i>Mimosa sensitiva</i>        | ttP                           |           | 1                  |        |
| <i>Shortia californica</i>   | <i>California Shortia</i>      | hA                            | y.        |                    |        |
| <i>Silene armeria</i>  | <i>Lobel's Catchfly</i>        |                               | r. & w.   | 1                  |        |
| umbriata   | <i>Fringed do</i>              | thB                           | w.        | 1½                 |        |
| regia  | <i>Royal do</i>                | thP                           | s.        | 1                  | 12½    |

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|--|------------------------------------|-------------------------------|--------|--------------------|--------|
| Silene Schafta   | <i>Schaft's Catchfly</i>           | thP                           | ro.    | 1                  | cts.   |
| <i>Snails</i>  | Medicago scutellata                | hA                            | b.     | 12½                | 6½     |
| <i>Snapdragon</i>  | See Antirrhinum                    |                               |        |                    |        |
| Solanum ovigerum   | <i>White Egg Plant</i>             | tA                            | fr. w. | 1                  | ..     |
| Sophora australis  | <i>Blue Sophora</i>                | hP                            | b.     | ..                 | ..     |
| Sphenogyne speciosa  | <i>Showy Sphenogyne</i>            | hhA                           | y.     | 1                  | ..     |
| <i>Spider Wort</i>   | Cleome Rosea                       | hA                            | ro.    | 2                  | ..     |
| Spiroea lobata superba   | <i>Suprb Spiraea</i>               | thP                           | r&w.   | 12½                | ..     |
| Lindleyana   | <i>Lindley's do</i>                | ..                            | w.     | ..                 | ..     |
| Stachys in vars  | <i>Mixed Stachys</i>               | ..                            | div.   | ..                 | ..     |
| <i>Starry Marigold</i>   | Calendula stellata                 | hA                            | o.     | 2                  | 6½     |
| Statice pseudo armeria   | <i>Splendid Statice</i>            | thP                           | pk.    | 1                  | 12½    |
| Stenactis Belledifolia   | <i>Daisy-leaved Stenactis</i>      | ..                            | ..     | ..                 | 25     |
| speciosa   | <i>Showy do</i>                    | ..                            | p.     | 2                  | 6½     |
| Stevia purpurea  | <i>Purple Stevia</i>               | ttP                           | ..     | 3                  | ..     |
| serrata  | <i>Vanilla scented do</i>          | ..                            | w.     | ..                 | ..     |
| Stipa pinnata  | <i>Feather Grass</i>               | thP                           | ap.    | 2                  | ..     |
| <i>Stock Gills</i>   | See Mathiola                       |                               |        |                    |        |
| <i>Stone Crop</i>  | Sedum cœruleum                     | tA                            | b.     | ½                  | 12½    |
| <i>Strawberry Blight</i>   | Blitum capitatum                   | hA                            | gn.    | 1                  | 6½     |
| <i>Sun Flower</i>  | See Helianthus                     |                               |        |                    |        |
| Streptocarpus Rexii  | <i>King's Streptocarpus</i>        | tgP                           | b.     | ½                  | 12½    |
| Sutherlandia futescens   | <i>Scarlet Sutherlandia</i>        | tP                            | s.     | 3                  | 6½     |
| grandiflora  | <i>Large flowered do</i>           | ..                            | y.     | ..                 | ..     |
| <i>Sweet Alyssum</i>   | Alyssum maritimum                  | hA                            | w.     | ½                  | ..     |
| <i>Sweet Peas</i>  | See Lathyrus                       |                               |        |                    |        |
| <i>Sweet Rocket</i>  | See Hesperis                       |                               |        |                    |        |
| <i>Sweet Sultan</i>  | See Centaurea                      |                               |        |                    |        |
| <i>Sweet William</i>   | See Dianthus                       |                               |        |                    |        |
| Tagetes erecta citrina   | <i>African Marigold</i>            | hA                            | lem.   | 2                  | ..     |
| — aurantiaca   | <i>Orange Quilled do</i>           | ..                            | o.     | ..                 | ..     |
| — lucida   | <i>Chili do</i>                    | ttP                           | y.     | 1                  | ..     |
| — patula   | <i>French do</i>                   | hA                            | br.    | 2                  | ..     |
| — striata  | <i>Striped Ranunculus do</i>       | ..                            | stri.  | 1½                 | ..     |
| — nanissima  | <i>Pigmy do</i>                    | ..                            | br.    | ½                  | ..     |
| <i>Tassel Flower</i>   | See Calceola                       |                               |        |                    |        |
| Thunbergia alata*  | <i>Winged Thunbergia</i>           | thhP                          | y&d.   | 5                  | ..     |
| — alba*  | <i>White do do</i>                 | ..                            | w.     | ..                 | ..     |
| — aurantiaca*  | <i>Orange do do</i>                | ..                            | or.    | ..                 | ..     |
| Bakeri*  | <i>Baker's do do</i>               | ..                            | w.     | ..                 | ..     |
| Fryeri*  | <i>Fryer's do do</i>               | ..                            | cr.    | ..                 | ..     |
| mesoleuca*   | <i>White Centered do</i>           | ..                            | or&w.  | ..                 | ..     |
| sulphurea*   | <i>Sulphur do do</i>               | ..                            | sul.   | ..                 | ..     |
| in vars*   | <i>Mixed do do</i>                 | ..                            | div.   | ..                 | ..     |
| <i>Touch me not</i>  | See Impatiens                      |                               |        |                    |        |
| <i>Tobacco</i>   | See Nicotiana                      |                               |        |                    |        |
| Torenia scabra   | <i>Rough Torenia</i>               | tgP                           | b.     | 3                  | 12½    |
| Trachelium cœruleum  | <i>Blue Trachelium</i>             | thB                           | ..     | 2                  | ..     |
| <i>Traveller's Joy*</i>  | Clematis vitalba                   | hP                            | w.     | 15                 | 6½     |
| Trifolium incarnatum   | <i>Scarlet Trefoil</i>             | ..                            | s.     | 2                  | ..     |
| — luteum   | <i>Yellow do</i>                   | ..                            | y.     | ..                 | ..     |
| — odoratum   | <i>Sweet-scented do</i>            | ..                            | w.     | ..                 | ..     |
| Tropæolum azureum*   | <i>Azure Tropæolum</i>             | ttP                           | b.     | 3                  | 25     |
| — brachyceras*   | <i>Short Horned do</i>             | ..                            | y.     | 4                  | ..     |
| Jarratii*  | <i>Jarratt's do</i>                | ..                            | s&y.   | ..                 | ..     |
| Lobbianum*   | <i>Lobb's do</i>                   | ..                            | o.     | ..                 | ..     |
| majus*   | <i>Tall Nasturtium</i>             | hA                            | ..     | 5                  | 6½     |
| — atrosanguinea*   | <i>Blood-colored do</i>            | ..                            | d. r.  | ..                 | ..     |
| minus  | <i>Dwarf do</i>                    | ..                            | s.     | 1                  | ..     |
| MINUS COCCINEUM  | <i>New Dwarfscarlet Nasturtium</i> | hA                            | ..     | ..                 | 12½    |
| Moritzianum*   | <i>Moritz's Tropæolum</i>          | thP                           | s&y.   | 4                  | 25     |
| pentaphyllum*  | <i>Five-leaved do</i>              | ..                            | o&y.   | ..                 | ..     |
| peregrinum*  | <i>Canary Bird Flower</i>          | hhA                           | y.     | 6                  | 6½     |

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|--|---------------------------------|------------------------------|--------|--------------------|---------|
| <i>Tropæolum Smithianum</i> *  | <i>Smith's Tropæolum</i>        | thhP                         | o.     | 4                  | CTS. 25 |
| Speciosum*   | <i>Showy do</i>                 | ttP                          | s.     | ..                 | ..      |
| tricolorum*  | <i>Three-colored do</i>         | ..                           | o&p.   | ..                 | ..      |
| venustum*  | <i>Variegated Nasturtium</i>    | hA                           | y&r.   | 5                  | 6½      |
| <i>Trumpet Creeper</i> *   | <i>Bignonia radicans</i>        | hP                           | s.     | 20                 | ..      |
| <i>Valeriana alba</i>  | <i>Garden Valerian</i>          | ..                           | w.     | ..                 | ..      |
| rubra  | <i>Red do</i>                   | ..                           | r.     | ..                 | ..      |
| <i>Venus' Looking Glass</i>  | <i>See Campanula speculum</i>   | ..                           | ..     | ..                 | ..      |
| <i>Verbena in vars</i>   | <i>Mixed Verbena</i>            | hhP                          | div.   | trail.             | ..      |
| —  | <i>Finest Mixed do</i>          | ..                           | ..     | ..                 | 25      |
| <i>Veronica elegans</i>  | <i>Elegant Veronica</i>         | thP                          | pk.    | 1½                 | 12½     |
| Lindleyana   | <i>Lindley's do</i>             | gP                           | w.     | 3                  | ..      |
| speciosa   | <i>Showy do</i>                 | ..                           | p.     | ..                 | ..      |
| <i>Virginian Stock</i>   | <i>See Malcomia</i>             | ..                           | ..     | ..                 | ..      |
| <i>Vinca rosea</i>   | <i>Madagascar Periwinkle</i>    | tP                           | ro.    | 1                  | ..      |
| alba   | <i>White do</i>                 | ..                           | w.     | ..                 | ..      |
| <i>Viola odorata</i>   | <i>Sweet Violet</i>             | ttP                          | ..     | ..                 | 6½      |
| tricolor in vars   | <i>Heartsease or Pansy</i>      | ..                           | div.   | ..                 | ..      |
| hybrida in vars  | <i>Finest Hybrid do</i>         | ..                           | ..     | ..                 | 25      |
| <i>Virgin's Bower</i> *  | <i>Clematis flammula</i>        | hP                           | w.     | 15                 | 6½      |
| <i>Viscaria Cœli rosea</i>   | <i>Rose of Heaven</i>           | hA                           | flesh  | 1                  | ..      |
| oculata  | <i>Dark Eyed do</i>             | ..                           | ro.    | ..                 | ..      |
| — alba   | <i>White do do</i>              | ..                           | w.     | ..                 | ..      |
| — nana   | <i>Dwarf do do</i>              | ..                           | ro.    | ½                  | ..      |
| — rubra  | <i>Red do do</i>                | ..                           | r.     | 1                  | ..      |
| <i>Wall Flower</i>   | <i>See Cheiranthus</i>          | ..                           | ..     | ..                 | ..      |
| WHITLAVIA GRANDIFLORA  | <i>Large flowered Whillaria</i> | hhA                          | b.     | ..                 | 25      |
| <i>Wind Flower</i>   | <i>Anemone coronaria</i>        | thP                          | div.   | ..                 | 6½      |
| <i>Xeranthemum annuum</i>  | <i>Purple Eternal Flower</i>    | hA                           | p.     | 2                  | ..      |
| — album  | <i>White Xeranthemum</i>        | ..                           | ro.    | ..                 | ..      |
| <i>Zauschneria Californica</i>   | <i>Californian Zauschneria</i>  | t. s.                        | s.     | 1½                 | 25      |
| <i>Zinnia elegans</i>  | <i>Elegant Zinnia</i>           | hhA                          | v.     | 3                  | 6½      |
| — coccinea   | <i>Scarlet do</i>               | ..                           | s.     | ..                 | ..      |
| — flava  | <i>Yellow do</i>                | ..                           | y.     | ..                 | ..      |
| — purpurea   | <i>Purple do</i>                | ..                           | p.     | ..                 | ..      |
| — in vars  | <i>Mixed do</i>                 | ..                           | div.   | ..                 | ..      |
| — — —  | <i>Fine Mixed German do</i>     | ..                           | ..     | ..                 | 12½     |

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Considerable experience in selecting enables us to make up collections which are invariably satisfactory to purchasers. and our unusually full assortment the present season, embracing every desirable novelty and standard sort, either raised here, or imported from the most reliable Floral Seed Growers in Europe, insures assortments of the rarer sorts and finest qualities, all of the growth of the past season, and true to name.

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## PRACTICAL DIRECTIONS

FOR THE

### CULTURE AND TREATMENT OF FLOWER SEEDS.

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J. M. THORBURN & CO.,

15 John Street, New-York.

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It is pleasing to observe that the taste for the cultivation of flowers is steadily increasing. Almost every one can find leisure to put a few seeds into the ground, and afterwards to watch the young plant pushing through the earth; to observe the bright green stem waxing into strength and throwing out its tender foliage; to see the delicate and wonderful bud forming and swelling, which is to be the reward of all your assiduity. Any one who has done this for a season, will find the pursuit to possess a species of fascination, which will yield the purest enjoyment. When farther initiated, and become familiar with the beautiful mysteries, it is delightful to steal into the garden, day after day, and trace the gradually expanding bud developing the unknown glory of a new variety. But the whole process of flower cultivation is so innocent, so congenial to health, and leads the mind so naturally to devout contemplation, that we conceive it is unnecessary to urge anything farther in its favor.

Previous to forming a flower garden, the ground should be properly prepared, by being well broken and slightly manured. In the country it should be protected from cold winds by close fences, or plantations of shrubs. Generally speaking a flower garden should not be upon a large scale; the beds or borders should in no part of them be broader than the cultivator can reach, without treading on them. In small gardens, where there is not space for picturesque delineations, neatness should be the prevailing characteristic. A variety of forms may be indulged in, provided the figures are graceful and neat, and not in any place too complicated. An oval is a form that generally pleases, on account of the continuity of its outlines; next, if extensive, a circle; but hearts, diamonds, or triangles, seldom please. A simple parallelogram, divided into beds running lengthwise, or the large segment of an oval, with beds running parallel to its outer margin, will always please.

It is necessary to have suitable implements ready, so that the work may be performed well, and at the proper season; such as a spade, rake, hoe, trowel, line, and pruning knife. Labels may be made readily of shingles, by splitting them in strips of about an inch wide and five or six inches long, and sharpening them at one end. Paint them with white lead made thin, and mark them with a black-lead pencil before the paint gets dry; inscriptions written in this way, will be distinguishable as long as the label lasts.

In preparing the accompanying Catalogue every care has been taken to make it as comprehensive as possible, without introducing *names*, for the mere purpose of



extending it; while it is believed nothing desirable, suitable for cultivation in our climate has been omitted. Similar attention has also been paid to the correct classification of the *duration* and *hardiness* in the *third* column, which will enable the cultivator the better to profit by the following brief rules for the sowing and subsequent care of the different sorts. The descriptions of the height and color in the *fourth* and *fifth* columns will also be found accurate and as comprehensive as the limited space of a Catalogue admits of.

All kinds of *Hardy Annual* Flower Seeds, (h.A. in the *third* column;) may be sown in the months of May and June; the beds should be levelled and the seeds sown either in small patches, each kind by itself, or in drills from an eighth to half an inch deep. In about a month, more or less, many of them will be fit to transplant. Take advantage of cloudy and rainy weather; move the plants carefully with a trowel, the smaller kinds set in front, the larger in the rear; but if the weather be dry and the sky cloudless, give a little water, and cover them for a few days.

*Hardy Annuals* will succeed well in a border of natural earth, if sown the first week in May, but they will flower a month earlier, if assisted by glass. If some of the *hardy Annuals* be sown in September, they will become strong enough to survive the winter, if protected with a slight covering of straw or litter; and when transplanted in spring will flower earlier and stronger.

The best method to obtain an early bloom of the *Tender Annuals* (t.A.) and to ensure strength to the plants, is to sow the seed in pots early in March, placing them in a warm green-house window, or plunging them into a moderate hot-bed, carefully protecting them from the cold, shading them from the mid-day sun, and watering them with a finely pierced watering-can. The seed should be sown in very light, sandy compost, and the pots well drained by placing broken earthenware and rough sods in the bottom; the finer seeds must not be planted more than an eighth of an inch deep, and the soil pressed down closely over them. Water frequently, particularly if the house or frame is very warm. As soon as the seed leaf is fully developed, transplant into small pots, three or four in each, and when they have acquired sufficient strength, transplant into the flower beds, not, however, before the middle of May.

The *Half Hardy Annuals* (h.h.A.) may be sown and transplanted as above, but must be kept rather cooler. The finer varieties of *German Aster* should be sown in pots towards the end of April, pricked off into smaller pots in June, and afterwards transplanted into the flower borders.

*Biennials* and *Perennials* may be sown at the same time with the *Annuals* of the same degree of hardness, and treated similarly, except such of the *Hardy* kinds as do not blossom the first year; these last may be thinned out, or removed from the seed beds as soon as they are well rooted, and planted, either into different parts of the garden or into a nursery bed, in rows, a foot or more apart; keep them clear of weeds by hoeing and stirring the earth occasionally, which will greatly promote their growth, and prepare them for transplanting into the permanent blossom beds, either in the autumn or following spring. *Biennials* are raised principally from seed sown every year. Some *Perennials* and *Biennials* may be sown in September, or as soon as ripe; and if the plants get strong before the setting in of winter, most of them will flower the next summer. In transplanting, take care to preserve some earth to their roots, and tie the tall-growing kinds to neat poles or rods. Remove decayed plants, and replace them with vigorous ones from the nursery bed. Keep all the beds free from weeds, and the walks clean and neat.

*Green House* varieties should be sown as directed for *Tender Annuals* in pots pits or boxes, be kept in the house, carefully watched, slightly watered occasionally,

and sheltered from the hot sun, till strong enough to transplant; most of these varieties may be sown at any season of the year.

To avoid failure, Flower Seeds should not be sown in the open borders too early; never in this vicinity before May; more disappointment results from too early sowing than from any other cause.

The following and some others being apt to droop and die if transplanted, should be sown in the borders in the spot where they intend to bloom, viz.

|                           |                             |
|---------------------------|-----------------------------|
| <i>Argemone,</i>          | <i>Lupins of sorts,</i>     |
| <i>Candytuft,</i>         | <i>Malope,</i>              |
| <i>Catchfly,</i>          | <i>Animated Oats,</i>       |
| <i>Dwarf Convolvulus,</i> | <i>Poppies of sorts,</i>    |
| <i>Evening Primrose,</i>  | <i>Sweet Basil,</i>         |
| <i>Adonis Flower,</i>     | <i>Venus Looking Glass,</i> |
| <i>Gypsophila,</i>        | <i>&amp;c., &amp;c.,</i>    |

but with these exceptions, most other varieties flower earlier and more strongly by being sown in frames or pots and transplanted; this applies particularly to the finer sorts of *Paris Balsams*, *German Zinnias* and *Asters*. Where, however, it is inconvenient to adopt this latter mode, the following is recommended:

Take a dollar package of twenty varieties, and number the bags from one to twenty; then sow a circle from each bag in the order in which they are numbered, and insert a short stick in the centre of each circle as a mark. By this method the twenty varieties are distributed along the borders in succession, and as each bag will be sufficient for three circles, sixty circles, or three assortments of twenty varieties, may be sown in three different aspects of the garden, which will not only give the various flowers the best possible chance with regard to exposure, but show the varieties to the greatest possible advantage. By preserving the bags, the mere novice, by referring to the name and number on each, will become acquainted with the different varieties, from the order in which they stand in his garden. This system may be practised to advantage either on a large or small scale, and the young plants be allowed to mature and blossom in groups or bunches as they stand, or may be transplanted wholly or in part as the taste of the cultivator may direct, or the less well filled neighboring border require.

Some species of Dwarf Annuals, such as *Sweet Alyssum*, *Candytuft*, *Clarkia Pulchella*, *Mignonette*, *Pimpernel*, and such others as grow not over a foot in height, may be cultivated in small beds, either separate or two or three kinds mixed together. *Clarkia Pulchella* suits very well with *Mignonette*, as it will thrive in moderately poor soil, which is the best adapted for that plant when fragrance is an object.

The best way to manage the mixed species, is to level a narrow border of rather poor soil, and sow it all over with *Mignonette*, then with *Clarkia Pulchella*; when the plants are up, both kinds should be thinned out equally, so as to leave the plants from one to two inches apart all over the bed; these when they come into blossom, will form a rich mass, and have a very pretty effect, the bushiness of the *Mignonette* hiding the naked stalks of the *Clarkia*. The *White Alyssum* and *Purple Candytuft* form a pleasing contrast when mixed in equal proportions, and also the *Dwarf Gilia* and *Blue Pimpernel*.

*Phlox Drummondii* is, perhaps, the most desirable of all annuals to flower alone in beds, than which, nothing can be more beautiful. "Every flower, though of the deepest carmine, has its petals of a pale blush color on the under side, and every petal, though of the palest pink, has a dark carmine spot at its base. Thus the variety of colors displayed in a bed of these flowers, almost exceeds description; and when

they are seen under a bright sun, and agitated by a gentle breeze, the effect is extraordinarily brilliant."

Next to this, the *Portulacas* will be found, perhaps, most acceptable for individual beds or borders, either the *purple* and *scarlet* separate, or combined with the newer *white* and *yellow* varieties. *Rocket Larkspurs* too, sown in rows, answer admirably the same purpose; but to have them in perfection, the seed should be sown in the border in September, and the young plants protected through the winter by a slight covering of straw or litter.

*Cypress Vine*, a universal favorite, frequently fails from being sown too early. In this vicinity it should not be trusted in the open ground much before the first of June, and the seed be soaked for about half an hour in moderately warm water just before being sown. The seed should be planted about a quarter of an inch deep, and the soil well pressed down, moderately watered, and protected from the sun by a strip of board 4 or 5 inches wide; let the board remain pressing on the soil for about 48 hours, and on being removed the young plants will at once show themselves, and grow strongly.

For the preceding remarks we are mainly indebted to the "Young Gardener's Assistant," by Thomas Bridgeman, a work, which for practical utility, stands pre-eminent.

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